



Telephone:
+86-318-2321110

Mobile: +86-19133858816 (WhatsApp & WeChat)

E-Mail: Info@dmejde.com

Web: www.jidier.com(Local Market) www.dmejde.com(Global Market)

DME&JDE Group Headquarters:
1705, Special Business Zone, 211 Youhao Road, Zhongshan District, Dalian, Liaoning, China.

DME&JDE Hydraulic fluid connector production base:
DME INDUSTRIES CO., LTD
Qiaodong Village, Paotai Town, Puwan New District, Dalian, Liaoning, China.

DME&JDE Hydraulic fluid hose production base:
HENGSUI JIDIERSPECIAL RUBBER HOSE CO., LTD.
Qian Me Tou Economic Industrial Zone, Hengshui, Hebei, China.

DME&JDE Hydraulic fluid assembly production base:
DME&JDE FLUID CO., LTD.
Qian Me Tou Economic Industrial Zone, Hengshui, Hebei, China.

DME&JDE FLUID CO.,LTD:
A-1008 huizhong Plaza Business, Hengshui City,
Hebei Province, China.



Global Market



Wechat Public Account

CERTIFICATE



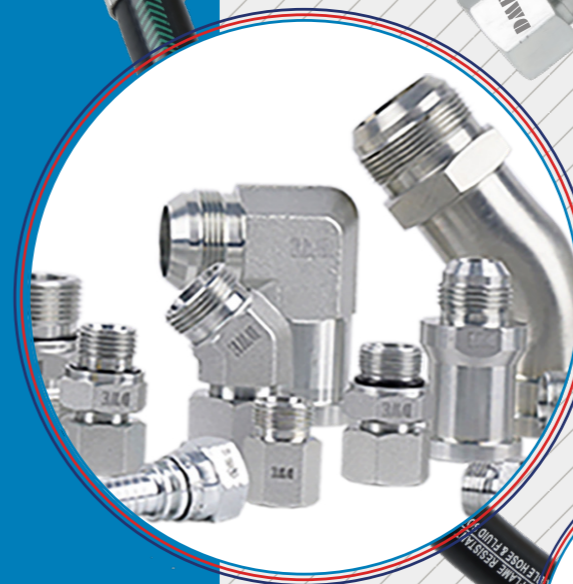
DME&JDE FLEXIBLE HOSES CATALOGUE 2024



HYDRAULIC FLEXIBLE HOSE

HYDRAULIC CONNECTORS

HYDRAULIC SYSTEM SOLUTION



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DME & JDE GROUP
YOUR CONNECTORS & HOSES OEM SOLUTIONS

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MAKE FLUID TRANSMISSION EFFICIENT

DME&JDE is committed to design, manufacture and support fluid transmission solutions. We insist on application-orientation to solve all problems during transmission. Advanced Production technology, wide ranges of flexible hoses, fluid connectors and rich export and projects experience guarantee our capacity to design right OEM fluid solutions for all transmission difficulty.

DME&JDE continuously expands our product ranges and value-added service and improve technologies and equipment to supply products outperform industry standards and exceed customers' demanding expectations.



Hydraulic Hose & Connector Stocks



60,000,000

More than 60,000,000 worth of inventory of fluid connectors support massive storage system

200 Million

Annual Sales

More than 200,000,000 annual sales evidence corporate strength and establish higher goals

Professional Engineers



20

Professional and senior engineers solve all technical technological difficulties and customers problems

Exclusive Distributor

100+



More than 100 exclusive distributors (including those under negotiation) cover all global markets

Industry Covering

200+



More than 200 kinds of customers cover main host manufacture and maintenance industries

Hoses Monthly Output

1,000,000

Up to 1,000,000 flexible hoses monthly output satisfy large orders and guarantee timely delivery

Headquarters



FLUID CONNECTORS & SOLUTIONS
Powered by DME&JDE Group

Fluid Connection Division
DME INDUSTRIES CO., LTD
Dalian, China

DME was established in 1993. Fluid connectors are manufactured by standard automation equipment and in accordance to SAE, ISO, BSI and DIN standards and fittings are of JIC, BSP, ORFS and Bite type.

DME is the main supplier of main vendors in Europe and America.

Fluid Connection



FLEXIBLE HOSE & FLUID SOLUTIONS
Powered by DME&JDE Group

Fluid Hose Division
HENGSUHI JIDIER SPECIAL RUBBER HOSE CO., LTD.
Hengshui, China

JDE, founded in 2009, is dedicated to hydraulic hoses, industrial hoses and other industrial hoses manufacturing.

JDE adopts German, American and Italian advanced equipment, all products line exceed I SAE J517, DIN/EN853, EN854, EN857, ISO, GB and other industries requirements.

Fluid Hose



YOUR FLUID OEM SOLUTIONS
Powered by DME&JDE Group

Fluid OEM Solution Division
DME&JDE FLUID CO., LTD.
Hengshui, China

DME&JDE FLUID CO., LTD. is established in 2021. We aims to design hydraulic fluid solutions, provide long-lasting and stable motivation for all industries and guarantee our dealers and end users far away from hydraulic transport accidents, unplanned shutdown and other issues.

Fluid OEM Solution

HONOR & CERTIFICATE



ISO ISO 9001
Fluid Connector

ISO ISO 9001
Flexible Hose

ISO ISO 14001

ISO ISO 14001



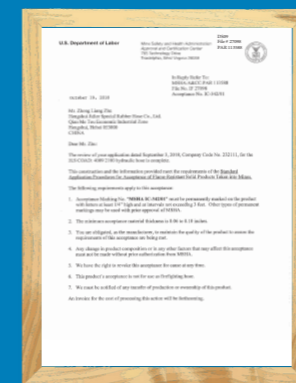
GOST Certificate



BV Certificate



IATF Certificate



MSHA Certificate



MA Certificate



GLOBAL BUSINESS

DME&JDE Worldwide (Ranked by A-Z)

Bolivia | Brazil | Canada | Chile | China | Costa Rica | Dubai | Ecuador | France | Ghana | Hungary | Indonesia | Ireland | Israel | Italy | Japan | Mongolia | Myanmar | Peru | Poland | Romania | Russia | Serbia | Seychelles | South Africa | South Korea | Spain | Turkey | United Kingdom | United States | Vietnam



PRODUCT SELECTION

DME&JDE aims to supply full line of flexible hoses, connectors and hose assemblies to cover all fluid power applications. We are innovating and developing to supply more products fit for industrial trends and customers needs.

Explore DME&JDE Innovations



New-Standard



High Impulse & Pressure



Ultra Soft & Flexible



Constant Working Pressure



-50 °C / +155 °C



For Mining Drilling



No-Skiving



SHIELD-FLEX 

Exceed International Standard

Full line of "SHIELD-FLEX" series products exceed standard in hydrostatic pressure, impulse life, ozone resistance and abrasion resistance.

The Most Economical Product Line

"SHIELD-FLEX" hydraulic hoses give you same and even better performance and spend you less costs.

BV Certificated

There's no reclaimed rubber and polluted material during SHIELD-FLEX hoses production and it has gained BV certification.

EXACT-FLEX 

Super High Impulse

Improved inner rubber material make the impulse life can reach 1,000,000 cycles under 125 °C temperature.

Super High Pressure

4 and 6 layer of spiral wire reinforcement hoses can withstand up to 42 MPa hydrostatic pressure.

Super Custom

Super 4SP and Super 4SH products are specially designed for harsh conditions and extreme environments.

DEFT-FLEX 

More Lighter

Thinner reinforcement wires supplies lighter and tighter structure without comprising to pressure and impulse life.

More Soft

Smaller bend radius make the DEFT-FLEX series products more soft and popular for customers.

For Tight Space

Increased flexibility make products be used in tight space for extended life and efficient transfer.

MATRIX-FLEX 

Fast Selection

Remove complex selection process, just select the maximum working pressure and hose size, you can get the needed flexible hoses.

Constant Working Pressure

Constant working pressure can improve safety, provide better performance and durability and increase design efficiency and reduce costs.

High-end host factory selection

Reliable and smart choice for high-end host factories to provide dependable performance and improve production efficiency under high pressure conditions.



KONIG-FLEX 

Ultra High Temp

The safety working temperature of KONIG-FLEX series products can be up to 210 °C (intermittent 230°C)

Ultra Low Temp

The safety working temperature of KONIG-FLEX series products can be low to -50 °C (intermittent -55 °C)

For Cleaning & Washing

This series of hoses can adapt to high temperature washing and low temperature cleaning works.

SROCK-FLEX 

MSHA&MA Certificated

Full line of SROCK-FLEX series hoses gained MSHA and MA certification, which are authorized to be used in mine and coal mine industry.

Speciallay for Mining Drilling

This SROCK-FLEX series hoses is specially designed for mine and coal mine working during harsh environments and high pressure conditions.

High Impulse & Pressure

Up to 500,000 Cycles impulse life and 70 MPa hydrostatic pressure make it extraordinary than standard hoses at the markets.

EASY-FLEX 

One-Piece Fitting

DME one-piece hose fittings execute high-end ISO 18752 host factory standards, exceed traditional SAE, BS EN, DIN and ISO standard.

No-Skiving Hoses

Easy-flex hoses adopts specially designed "Easy-Type"covering, making the hose assemblies free from skiving.

Special Crimping

Using Fast-crimping technology to eliminate complicated skiving process and directly crimping to increase 30% crimping efficiency.



CODE SYSTEM (UPDATED ON 2022.10.17)

Brand		Series		Standard		Cover	Color	Marking/Layline	Reinforcement	I.D. mm					
Series Code	Description	Standard Code	Description	Description	Cover Code	Description	Color Code	Description	Marking/Layline	Description	Reinforcement Code	Description	I.D. (mm)	Description	
JDE	Shield-Series	1	China Standard 602/902	GB/T 3683 GB/T 10544	1	Wrapped	1	Black	1	Printing	01	EN853 1SN SAE R1AT EN1360 1W SAE J30 R2 Type 3 etc.	05	3/16"	
EXA	Exact-Series	2	European Standard DIN EN	DIN EN853 DIN EN854 DIN EN856 DIN EN857	2	Smooth	2	Blue	2	Embossed	02	EN853 2SN SAE R2AT EN1360 2F SAE J30 R2 Type 2 etc.	06	1/4"	
DEF	Deft-Series	3	USA Standard SAEJ517	SAEJ517 R1AT/ R1A SAEJ517 R2AT/ R2A SAEJ517 R3 SAEJ517 R4 SAEJ517 R5 SAEJ517 R6 SAEJ517 R7 SAEJ517 R8 SAEJ517 R9 SAEJ517 R10	SAEJ517 R12 SAEJ517 R13 SAEJ517 R14 SAEJ517 R15 SAEJ517 R16 SAEJ517 R17 SAEJ517 R19 PTFE (Polytetrafluorethylene) SAE J2064 SAE J3062	3	Textile	3	Yellow	3	Ink	03	3 layers SAE R3 Oil Hose 2TB	10	3/8"
EAS	Easy-Series	4	European Fuel Hose Standard	EN1360 EN 1762	4	UHMPE	4	Red	4	OEM	04	EN856 4SP SAE R4	11	13/32"	
KON	Konig-Series	5	OEM Hoses Standard	OEM	5	OEM	5	Green	5		05	SAE R5	12	1/2"	
SRO	Srock-Series	6	National Standard OEM Products	GB-OEM	6		6	Gray	6		06	SAE R6 SAE J30 R6 SAE J20 R3 Oil Hose 1TB	16	5/8"	
DME	Fluid Connector	7	Industrial Hoses	BS 5342 Type-2 EXCEEDS IS 10655 STEAM HOSE 1TB/2TB/1SW/2SW LPG EN 1762 LPG IS 9573 CNG Hose EXCEEDS SAE J1402 SAE J20 SAE J20 R3 SAE J2065 ISO/TS 16949	7		7	White	7		07	SAE R7	19	3/4"	
JDME	Hose Assemblies	8	Other Hoses - High Pressure Power Steering Hose - Hydraulic Brake Hose - A/C Hose	SAE J188 ASTM D380 ASTM D413 SAE J1401 SAE J1703/ ISO 4929 SAE J1705	ASTM 8117 ISO 4926 SAE J2064 SAE J3062 SAE J30 QC/T664	8		8			08	SAE R8	22	7/8"	
		9	Original Equipment Standard	ISO18752	9						11	EN853 1ST	25	1"	
											12	EN853 2ST SAE R12	28.5	1-1/8"	
											13	SAE R13	32	1-1/4"	
											14	EN856 4SH SAE R14	38	1-1/2"	
											15	SAE R15	45.5	1-13/16"	
											16	SAE R16	51	2"	
											17	SAE R17	64	2-1/2"	
											21	EN857 1SC	72	3"	
											22	EN857 2SC			
											61	EN857 1SC+			
											62	EN857 2SC+			
											66	SAE R6CT+			
											91	SAE R1A			
											92	SAE R2A			
											99	SAE R9A			

EN Hose Working Pressure (unit: PSI)

Specification	Hose Style	Description	Nominal Hose Inside Diameter In Inches and Dash Size													
			3/16" (-3)	1/4" (-4)	5/16" (-5)	3/8" (-6)	1/2" (-8)	5/8" (-10)	3/4" (-12)	1" (-16)	1-1/4" (-20)	1-1/2" (-24)	2" (-32)			
EN853	1ST	1 wire braid standard cover	3625	3262.5	3117.5	2610	2320	1885	1522.5	1276	913.5	725	580			
EN 853	1SN	1wre braid thin cover	3625	3262.5	3117.5	2610	2320	1885	1522.5	1276	913.5	725	580			
EN 853	2ST	2 wire braid standard cover	6017.5	5800	5075	4785	3987.5	3625	3117.5	2392.5	1812.5	1305	1160			
EN853	2SN	2 wire braid thin cover	6017.5	5800	5075	4785	3987.5	3625	3117.5	2392.5	1812.5	1305	1160			
EN 854	1TE	1 layer of textile braid	507.5	406	406	406	406	348	304.5	174						
EN 854	2TE	2 layers of textile braid	1160	1087.5	986	913.5	841	725	652.5	580						
EN 856	4SP	4 layers of steel wire spiral				6452.5	6017.5	5075	5075	4060	6045	2682.5	2392.5			
EN 856	4SH	4 layers of steel wire spiral							6090	5510	4712.5	4205	3625			
EN857	1SC	1 layer of steel wire braid		3262.5	3117.5	2610	2320	1885	1522.5	1276						
EN 857	2SC	2 layers of steel wire braid		5800	5075	4785	3987.5	3625	3117.5	2392.5						

SAE Hose Working Pressure (unit: PSI)

Specification	Hose Style	Description	Nominal Hose Inside Diameter In Inches and Dash Size															
			3/16" (-3)	1/4" (-4)	5/16" (-5)	3/8" (-6)	1/2" (-8)	5/8" (-10)	3/4" (-12)	1" (-16)	1-1/4" (-20)	1-1/2" (-24)	2" (-32)	2-1/2" (-40)	3" (-48)	4" (-64)		
SAE J517	R1AT	1 layer of braided steel wire	3625	3262.5	3117.5	2610	2320	1885	1522.5	1276	913.5	725	580					
SAE J517	R1A	1 layer of braided steel wire	3625	3262.5	3117.5	2610	2320	1885	1522.5	1276	913.5	725	580					
SAE J517	R2AT	2 layer of braided steel wire	6017.5	5800	5075	4785	3987.5	3625	3117.5	2392.5	1812.5	1305	1160					
SAE J517	R2A	2 layer of braided steel wire	6017.5	5800	5075	4785	3987.5	3625	3117.5	2392.5	1812.5	1305	1160					
SAE J517	R3	2 layers of textile braid	1522.5	1261.5	1218	1131	1015	884.5	754	565.5								
SAE J517	R4	2 layers of textile braid + 1 layer of special spiral braid							304.5	246.5	203	152.25	101.5	58	58	58		
SAE J517	R5	1 layer of steel wire braid		3045	3045	2276.5	2030	1769	1522.5	812	623.5	507.5	348					
SAE J517	R6	1 layer of textile braid	507.5	406	406	406	406	348	304.5	174								
SAE J517	R6CT	1 layer of textile braid	290	290	290	290	290	290	290	174								
SAE J517	R9	4 layers of steel wire spiral				4002	4002	4002	4002	4002	3001.5	2494	2494					
SAE J517	R12	4 layers of steel wire spiral				4002	4002	4002	4002	4002	3001.5	2494	2494					
SAE J517	R13	4 layers of high tensile steel wire spiral up to size 1", 6 layers of spiral from size 1-1/4" to 2"							5075	5075	5075	5075	5075					
SAE J517	R15	4 layers of high tensile steel wire spiral up to size 1", 6 layers of spiral from size 1-1/4" to 2"				6090	6090		6090	6090	6090	6090	6090					
SAE J517	R16	2 layers of steel wire braid		5800	5075	4785	3987.5	3625	3117.5	2392.5	1812.5							
SAE J517	R17	1 layer of high tensile steel wire braid up to size 1/2", 2 layers of high tensile steel wire braid from size 5/8" onwards	3045	3045	3045	3045	3045	3045	3045	3045								
SAE J517	R19	2 layers of steel wire braid		4060	4060	4060	4060	4060	4060	4060								

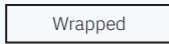

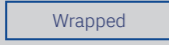

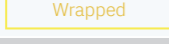

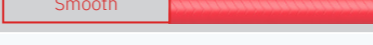

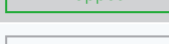
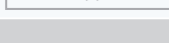

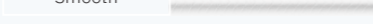
APPLICATION

- Engineering Equipment
- Mining Equipment
- Agricultural Equipment
- Automation Equipment
- Port Handling Equipment
- Petroleum Equipment
- Highway Construction Equipment
- Marine Equipment
- Coal Mine Equipment
- Building Equipment
- Cleaning Equipment
- Fuel Gasoline Diesel Oil Equipment
- Forestry Equipment
- Machine Tool Equipment
- Steam
- Water
- Hot Water
- Jack Special Application
- LPG
- CNG
- Aerial Lift
- Aerial Lift
- Aerial Lift
- Aerial Lift
- Aerial Lift



APPEARANCE, MARKING AND PACKING

Hose Color

Color	Hoses	
Black	Wrapped 	Smooth 
Blue	Wrapped 	SAE 100 R5CX 
Yellow	Wrapped 	
Red	Wrapped 	Smooth 
Orange	Wrapped 	
Green	Wrapped 	
Metallic	Wrapped 	
Gray		Smooth 
White		Smooth 

Cover Type

W Wrapped	S Smooth
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Marking/Layline

P Printing	I Ink	E Embossed
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Packing

R Roll	PA Pallet	R Reel	CA Carton	W Wooden Case	O OEM
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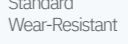
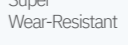
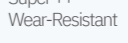
Certificate



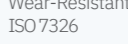
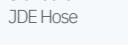



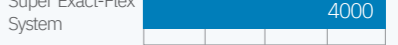
Certificate

AMBIENT TEMPERATURE	SYSTEM	SYSTEM WITH LOGO
-55 °C to +100 °C	Konig-Flex / Srock-Flex	 
-40 °C to +100 °C	Shield-Flex	
-40 °C to +120 °C	Konig-Flex	
-40 °C to +155 °C	Konig-Flex	
-40 °C to +210 °C	Konig-Flex	

Abrasion Resistance

Standard	Abrasion Data (g)	CONTRASRING
Wear-Resistance: ISO 6954	0.5	
Standard Wear-Resistant 	0.1	
Super Wear-Resistant	0.03	
Super ++ Wear-Resistant	0.00	

Ozone Resistance (h)

Standard	Ozone Resistance (h)	CONTRASRING
Wear-Resistant: ISO 7326	72	
Standard JDE Hose	500	
Exact-Flex System 	2,500	
Super Exact-Flex System 	4,000	

Burst Pressure

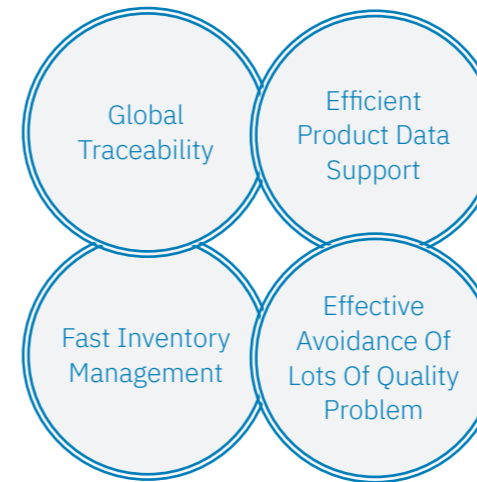
Standard	Burst Pressure
ISO 1402	ISO data
JDE Standard MSHA	10% – 30% > ISO data

Impulse Times

Standard	Impulse Times
JDE Standard MSHA 	SAE R1: 150,000 Times SAE R2: 200,000 Times SAE R12/R13/R15: 500,000 Times EN 853 1SN: 150,000 Times EN 853 2SN: 200,000 Times EN 857 1SC: 150,000 Times EN857 2SC: 200,000 Times EN856 4SP/4SH: 400,000 Times
Super Impulse Hose 	SAE R12/R13/R15: 1,000,000 Times EN 856 4SP/4SH: 1,000,000 Times Working Temperature: +125 °C

MS SYSTEM

Each products of DME&JDE uniquely encoded tracking label to supply strong data support, products traceability and order transparency. And it can effectively reducing equipment downtime and avoid of quality problems.



DME&JDE Product Quality Control Traceability System Services for Global Customers



DME&JDE Product Quality
Control Traceability & ERP System / Services for Global Customers



DME & JDE GROUP
YOUR CONNECTORS & HOSES OEM SOLUTIONS



Your Hoses OEM Solutions

Your Connectors OEM Solutions

- Hydraulic Hose
- Hydraulic Connectors
- Hydraulic Hose Assembly
- Hydraulic Hose Crimper



ISO 18752



Application



MatrixFlex 3K

Applicable Specs:

- ISO 18752 1AC/2AC/4CC



MatrixFlex 4K

Applicable Specs:

- ISO 18752 1AC/2AC/4CC



MatrixFlex 5K

Applicable Specs:

- ISO 18752 2AC/4CC/6CC



MatrixFlex 6K

Applicable Specs:

- ISO 18752 2AC/4CC/6CC



MatrixFlex 3K Constant Working Pressure Hose

Applicable Specs:
 ■ ISO 18752 1AC/2AC/4CC

Applications:



German Technology Equipment

Product Series:

Constant Working Pressure

- Internal hose:**
Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:**
1 & 2 layer of high strength steel wire braid or 4 layers of steel wire spiral.
- Covering:**
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
According to the following table.
 Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:**
3000 PSI / 210 Bar
- Impulse times:**
 - Type AC – Impulse pressure 133%, Temperature 100 °C ≥ 200,000 Times;
 - Type CC – Impulse pressure 133% (4K), Temperature 120 °C ≥ 500,000 Times
- Temperature:**
 - -40 °C to +120 °C (intermittent 121 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media**
 - Suitable for liquids (HL, HLP, HLPD, HVLP) in mineral oil and synthetic oil MatrixFlex-rices, water based emulsifiers (HFAE, HFAS, HFB) and water glycol solvents (HFC), as well as lubricants for vegetable oil and minerals.
 - Not suitable for chlorinated carbon hydride MatrixFlex-rix and phosphate ester liquids (HFD-R/S/T). (Usually, biodegradable liquid substances can also be used with this product, but there are some limitations due to the special addition MatrixFlex-erials of the liquid manufacturer.)

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	ISO 18752	Ferrule			
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	mm	kgs/m	Type	DME Code			
MatrixFlex-3K-06	-04	6.4	1/4"	6.1-6.9	11.1	12.8	210	3000	840	12000	45	0.19	1AC	DPF2T-04
MatrixFlex-3K-08	-05	8.0	5/16"	7.7-8.5	12.9	14.4	210	3000	840	12000	50	0.22	1AC	DPF2T-05
MatrixFlex-3K-10	-06	9.5	3/8"	9.3-10.1	14.4	16.7	210	3000	840	12000	55	0.26	1AC	DPF2T-06
MatrixFlex-3K-12	-08	12.7	1/2"	12.3-13.5	18.2	20.6	210	3000	840	12000	90	0.39	1AC	DPF2T-08
MatrixFlex-3K-16	-10	16.0	5/8"	15.5-16.7	23.0	25.2	210	3000	840	12000	100	0.64	2AC	DPF2T-10
MatrixFlex-3K-19	-12	19.0	3/4"	18.6-19.8	25.5	29.0	210	3000	840	12000	120	0.79	2AC	DPF4T-12
MatrixFlex-3K-25	-16	25.4	1"	25.0-26.4	33.0	36.8	210	3000	840	12000	150	1.25	2AC	DPF4T-16
MatrixFlex-3K-32	-20	31.8	1-1/4"	31.4-33.0	42.5±0.3	45.5±0.3	210	3000	840	12000	460	3.06	4CC	DPF4T-20
MatrixFlex-3K-38	-24	38.1	1-1/2"	37.7-39.3	49.2±0.3	53.2±0.3	210	3000	840	12000	560	3.75	4CC	DPF4T-24
MatrixFlex-3K-51	-32	50.8	2"	50.4-52.0	62.3±0.3	66.3±0.3	210	3000	840	12000	700	4.95	4CC	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, PC, SGS, DIN, SAE, MA, WSF

MatrixFlex 4K Constant Working Pressure Hose

Applicable Specs:
 ■ ISO 18752 1AC/2AC/4CC

Applications:



German Technology Equipment

Product Series:

Constant Working Pressure

- Internal hose:**
Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:**
2 layers of high strength steel wire braid or 4 or 6 layers of steel wire spiral.
- Covering:**
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
According to the following table.
 Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:**
4000 PSI / 280 Bar
- Impulse times:**
 - Type AC – Impulse pressure 133%, Temperature 100 °C ≥ 200,000 Times;
 - Type CC – Impulse pressure 133% (4K), Temperature 120 °C ≥ 500,000 Times
- Temperature:**
 - -40 °C to +120 °C (intermittent 121 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media**
 - Suitable for liquids (HL, HLP, HLPD, HVLP) in mineral oil and synthetic oil MatrixFlex-rices, water based emulsifiers (HFAE, HFAS, HFB) and water glycol solvents (HFC), as well as lubricants for vegetable oil and minerals.
 - Not suitable for chlorinated carbon hydride MatrixFlex-rix and phosphate ester liquids (HFD-R/S/T). (Usually, biodegradable liquid substances can also be used with this product, but there are some limitations due to the special addition MatrixFlex-erials of the liquid manufacturer.)

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	ISO 18752	Ferrule			
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	Type	DME Code
MatrixFlex-4K-06	-04	6.4	1/4"	6.1-6.9	11.3	13.2	280	4000	1120	16000	75	0.29	2AC	DPF2T-04
MatrixFlex-4K-08	-05	8.0	5/16"	7.7-8.5	13.1	14.7	280	4000	1120	16000	85	0.33	2AC	DPF2T-05
MatrixFlex-4K-10	-06	9.5	3/8"	9.3-10.1	15.3	17.0	280	4000	1120	16000	90	0.42	2AC	DPF2T-06
MatrixFlex-4K-12	-08	12.7	1/2"	12.3-13.5	18.5	20.7	280	4000	1120	16000	130	0.55	2AC	DPF2T-08
MatrixFlex-4K-16	-10	16.0	5/8"	15.5-16.7	21.6	23.4	280	4000	1120	16000	150	0.65	2AC	DPF2T-10
MatrixFlex-4K-19	-12	19.0	3/4"	18.6-19.8	25.5	27.5	280	4000	1120	16000	180	0.79	2AC	DPF2T-12
MatrixFlex-4K-25	-16	25.4	1"	25.0-26.4	35.5	38.5	280	4000	1120	16000	340	2.05	4CC	DPF4T-16
MatrixFlex-4K-32	-20	31.8	1-1/4"	31.4-33.0	42.5	45.5	280	4000	1120	16000	460	2.75	4CC	DPF4T-20
MatrixFlex-4K-38	-24	38.1	1-1/2"	37.7-39.3	49.2	53.2	280	4000	1120	16000	560	3.75	4CC	DPF4T-24
MatrixFlex-4K-51	-32	50.8	2"	50.4-52.0	62.3	66.3	280	4000	1120	16000	700	4.95	4CC	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, PC, SGS, DIN, SAE, MA, WSF

MatrixFlex 5K Constant Working Pressure Hose

Applicable Specs:
 ■ ISO 18752 2AC/4CC/6CC

Applications:



German Technology Equipment

Product Series:

Constant Working Pressure

Internal hose:
 Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
 2 layers of high strength steel wire braid or 4 or 6 layers of steel wire spiral.

Covering:
 Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
 According to the following table.
 Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
 5000 PSI / 350 Bar

Impulse times:

- Type AC – Impulse pressure 133%, Temperature 100 °C ≥ 200,000 Times;
- Type CC – Impulse pressure 133% (4K), Temperature 120 °C ≥ 500,000 Times

Temperature:

- -40 °C to +120 °C (intermittent 121 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- *Prolonged operation at extreme temperatures will reduce hoses life*

Media

- Suitable for liquids (HL, HLP, HLPD, HVLP) in mineral oil and synthetic oil MatrixFlex-rices, water based emulsifiers (HFAE, HFAS, HFB) and water glycol solvents (HFC), as well as lubricants for vegetable oil and minerals.
- Not suitable for chlorinated carbon hydride MatrixFlex-rix and phosphate ester liquids (HFD-R/S/T). (Usually, biodegradable liquid substances can also be used with this product, but there are some limitations due to the special addition MatrixFlex-erials of the liquid manufacturer.)

#	ISO 18752		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	ISO 18752	Ferrule			
	Part Number	Hose Size												
	I.D.	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	Type	DME Code
MatrixFlex-5K-06	-04	6.4	1/4"	6.1-6.9	11.3	13.2	350	5000	1400	20000	75	0.29	2AC	DPF2T-04
MatrixFlex-5K-08	-05	8.0	5/16"	7.7-8.5	13.1	14.7	350	5000	1400	20000	85	0.33	2AC	DPF2T-05
MatrixFlex-5K-10	-06	9.5	3/8"	9.3-10.1	15.3	17.0	350	5000	1400	20000	90	0.42	2AC	DPF2T-06
MatrixFlex-5K-12	-08	12.7	1/2"	12.3-13.5	18.5	20.7	350	5000	1400	20000	130	0.55	2AC	DPF2T-08
MatrixFlex-5K-16	-10	16.0	5/8"	15.5-16.7	23.8	26.8	350	5000	1400	20000	250	0.98	4CC	DPF2T-10
MatrixFlex-5K-19	-12	19.0	3/4"	18.6-19.8	28.1	31.1	350	5000	1400	20000	300	1.45	4CC	DPF13-12
MatrixFlex-5K-25	-16	25.4	1"	25.0-26.4	35.5	38.5	350	5000	1400	20000	340	2.20	4CC	DPFR13-16
MatrixFlex-5K-32	-20	31.8	1-1/4"	31.4-33.0	47.2	50.8	350	5000	1400	20000	420	3.06	4CC	DPFR13-20
MatrixFlex-5K-38	-24	38.1	1-1/2"	37.7-39.3	54.1	57.5	350	5000	1400	20000	560	3.65	6CC	DPFR13-24
MatrixFlex-5K-51	-32	50.8	2"	50.4-52.0	67.4	71.4	350	5000	1400	20000	640	4.85	6CC	DPFR13-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, PC, SGS, DIN, SAE, MA, USF

MatrixFlex 6K Constant Working Pressure Hose

Applicable Specs:
 ■ ISO 18752 2AC/4CC/6CC

Applications:



German Technology Equipment

Product Series:

Constant Working Pressure

Internal hose:
 Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
 2 layers of high strength steel wire braid or 4 or 6 layers of steel wire spiral.

Covering:
 Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
 According to the following table.
 Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
 6000 PSI / 420 Bar

Impulse times:

- Type AC – Impulse pressure 133%, Temperature 100 °C ≥ 200,000 Times;
- Type CC – Impulse pressure 133% (4K), Temperature 120 °C ≥ 500,000 Times

Temperature:

- -40 °C to +120 °C (intermittent 121 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- *Prolonged operation at extreme temperatures will reduce hoses life*

Media

- Suitable for liquids (HL, HLP, HLPD, HVLP) in mineral oil and synthetic oil MatrixFlex-rices, water based emulsifiers (HFAE, HFAS, HFB) and water glycol solvents (HFC), as well as lubricants for vegetable oil and minerals.
- Not suitable for chlorinated carbon hydride MatrixFlex-rix and phosphate ester liquids (HFD-R/S/T). (Usually, biodegradable liquid substances can also be used with this product, but there are some limitations due to the special addition MatrixFlex-erials of the liquid manufacturer.)

#	ISO 18752		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	ISO 18752	Ferrule			
	Part Number	Hose Size												
	I.D.	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	Type	DME Code
MatrixFlex-6K-06	-04	6.4	1/4"	6.1-6.9	11.3	13.2	420	6000	1680	24000	75	0.29	2AC	DPF2T-04
MatrixFlex-6K-08	-05	8.0	5/16"	7.7-8.5	13.1	14.7	420	6000	1680	24000	85	0.33	2AC	DPF2T-05
MatrixFlex-6K-10	-06	9.5	3/8"	9.3-10.1	18	21.5	420	6000	1680	24000	180	0.70	2AC	DPF2T-06
MatrixFlex-6K-12	-08	12.7	1/2"	12.3-13.5	20.5	23.5	420	6000	1680	24000	230	0.80	2AC	DPF2T-08
MatrixFlex-6K-16	-10	16.0	5/8"	15.5-16.7	23.8	26.8	420	6000	1680	24000	250	0.98	4CC	DPF2T-10
MatrixFlex-6K-19	-12	19.0	3/4"	18.6-19.8	28.1	31.1	420	6000	1680	24000	265	1.60	4CC	DPF13-12
MatrixFlex-6K-25	-16	25.4	1"	25.0-26.4	35.5	38.5	420	6000	1680	24000	330	2.25	4CC	DPFR13-16
MatrixFlex-6K-32	-20	31.8	1-1/4"	31.4-33.0	47.2	50.8	420	6000	1680	24000	445	3.95	6DC	DPFR13-20
MatrixFlex-6K-38	-24	38.1	1-1/2"	37.7-39.3	54.1	57.5	420	6000	1680	24000	530	5.25	6DC	DPFR13-24
MatrixFlex-6K-51	-32	50.8	2"	50.4-52.0	67.4	71.4	420	6000	1680	24000	640	6.95	6DC	DPFR13-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, PC, SGS, DIN, SAE, MA, USF



BS EN 853



Application



1SN



Applicable Specs:

- DIN EN853 1SN
- EXCEEDS SAE 100R1AT
- ISO 1436:2009
- TS 6387 EN 853 1SN
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1

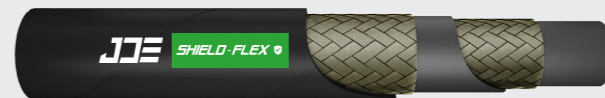
1ST



Applicable Specs:

- DIN EN 853 1ST
- EXCEEDS SAE 100R1A
- ISO 1436:2009
- TS 6387
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1
- EN 853 1ST

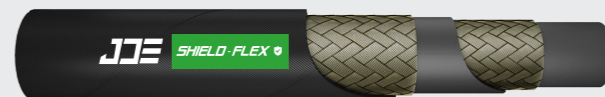
2SN



Applicable Specs:

- DIN EN 853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010

2ST



Applicable Specs:

- DIN EN853 2ST
- EXCEEDS SAE 100R2A
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010

1SN Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN853 1SN
- EXCEEDS SAE 100RIAT
- ISO 1436:2009
- TS 6387 EN 853 1SN
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T
Insert: DPX1XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
40–250 Bar / 580–3625 PSI

Impulse times:
≥ 150,000 times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 211101-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	12.5 MAX.	250	3625	1000	14500	90	0.240	50/100	DPF2T-03
JDE 211101-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	14.1 MAX.	225	3262.5	900	13050	100	0.255	50/100	DPF2T-04
JDE 211101-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	15.7 MAX.	215	3117.5	860	12470	115	0.304	50/100	DPF2T-05
JDE 211101-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	18.1 MAX.	180	2610	720	10440	130	0.390	50/100	DPF2T-06
JDE 211101-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.4 MAX.	160	2320	640	9280	180	0.472	50/100	DPF2T-08
JDE 211101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885	520	7540	200	0.581	50/100	DPF2T-10
JDE 211101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12
JDE 211101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276	352	5104	300	0.830	50/100	DPF2T-16
JDE 211101-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	63	913.5	252	3654	420	1.325	20/40	DPF2T-20
JDE 211101-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	50	725	200	2900	500	1.500	20/40	DPF2T-24
JDE 211101-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	40	580	160	2320	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

1ST Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 853 1ST
- EXCEEDS SAE 100RIA
- ISO 1436:2009
- TS 6387
- EN 853 1ST
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T
Insert: DPX1XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
40–250 Bar / 580–3625 PSI

Impulse times:
≥ 150,000 times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 211111-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	11.9-13.5	250	3625	1000	14500	90	0.264	50/100	DPF2T-03
JDE 211111-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.1-16.7	225	3262.5	900	13050	100	0.281	50/100	DPF2T-04
JDE 211111-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.7-18.3	215	3117.5	860	12470	115	0.334	50/100	DPF2T-05
JDE 211111-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.0-20.6	180	2610	720	10440	130	0.429	50/100	DPF2T-06
JDE 211111-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	22.2-23.8	160	2320	640	9280	180	0.519	50/100	DPF2T-08
JDE 211111-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	25.4-27.0	130	1885	520	7540	200	0.639	50/100	DPF2T-10
JDE 211111-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	29.4-31.0	105	1522.5	420	6090	240	0.759	50/100	DPF2T-12
JDE 211111-25	-16	25.4	1"	25.0-26.4	32.5-34.1	37.1-39.1	88	1276	352	5104	300	0.913	50/100	DPF2T-16
JDE 211111-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.4-47.6	63	913.5	252	3654	420	1.458	20/40	DPF2T-20
JDE 211111-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	50.8-54.0	50	725	200	2900	500	1.650	20/40	DPF2T-24
JDE 211111-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.1-68.3	40	580	160	2320	630	2.063	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

2SN Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 853 2SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3-A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
80–415 Bar / 1160–6017 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 211102-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	14.1 MAX.	415	6017.5	1660	24070	90	0.340	50/100	DPF2T-03
JDE 211102-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800	1600	23200	100	0.372	50/100	DPF2T-04
JDE 211102-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075	1400	20300	115	0.430	50/100	DPF2T-05
JDE 211102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785	1320	19140	130	0.560	50/100	DPF2T-06
JDE 211102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08
JDE 211102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625	1000	14500	200	0.732	50/100	DPF2T-10
JDE 211102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12
JDE 211102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16
JDE 211102-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	49.5 MAX.	125	1812.5	500	7250	420	1.850	20/40	DPF2T-20
JDE 211102-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	55.9 MAX.	90	1305	360	5220	500	2.300	20/40	DPF2T-24
JDE 211102-51	-32	50.8	2"	50.4-52.0	58.7-61.7	68.6 MAX.	80	1160	320	4640	630	2.650	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

2ST Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN853 2ST ■ EXCEEDS SAE 100R2A ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3-A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
80–415 Bar / 1160–6017 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 211112-05	-03	4.8	3/16"	4.6-5.4	10.6-11.6	15.1-16.7	415	6017.5	1660	24070	90	0.374	50/100	DPF2T-03
JDE 211112-06	-04	6.4	1/4"	6.2-7.0	12.1-13.3	16.7-18.3	400	5800	1600	23200	100	0.409	50/100	DPF2T-04
JDE 211112-08	-05	8.0	5/16"	7.7-8.5	13.7-14.9	18.3-19.9	350	5075	1400	20300	115	0.473	50/100	DPF2T-05
JDE 211112-10	-06	9.5	3/8"	9.3-10.1	16.1-17.3	20.6-22.2	330	4785	1320	19140	130	0.616	50/100	DPF2T-06
JDE 211112-12	-08	12.7	1/2"	12.3-13.5	19.0-20.6	23.8-25.4	275	3987.5	1100	15950	180	0.704	50/100	DPF2T-08
JDE 211112-16	-10	16.0	5/8"	15.5-16.7	22.2-23.8	27.0-28.6	250	3625	1000	14500	200	0.805	50/100	DPF2T-10
JDE 211112-19	-12	19.0	3/4"	18.6-19.8	26.2-27.8	31.0-32.6	215	3117.5	860	12470	240	1.023	50/100	DPF2T-12
JDE 211112-25	-16	25.4	1"	25.0-26.4	34.1-35.7	38.5-40.9	165	2392.5	660	9570	300	1.496	50/100	DPF2T-16
JDE 211112-32	-20	31.8	1-1/4"	31.4-33.0	43.3-45.7	49.2-52.4	125	1812.5	500	7250	420	2.035	20/40	DPF2T-20
JDE 211112-38	-24	38.1	1-1/2"	37.7-39.3	49.6-52.0	55.6-58.8	90	1305	360	5220	500	2.530	20/40	DPF2T-24
JDE 211112-51	-32	50.8	2"	50.4-52.0	62.3-64.7	68.2-71.4	80	1160	320	4640	630	2.650	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group



BS EN 854



Application

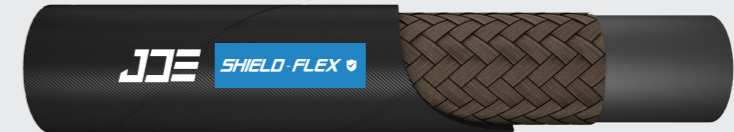


1TE



Applicable Specs:

- DIN EN 854 1TE
- SAE 100R6
- DIN 20021 1TE
- TS 6388 EN 854 TIP 1TE
- ISO 4079-1TE
- ISO 1307

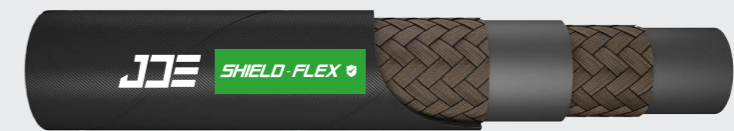


2TE



Applicable Specs:

- EN 854 2TE
- SAE 100R3
- DIN 20021 2TE
- TS 6388 EN854 TIP 2TE
- ISO4079-2TE
- ISO1307



1TE Textile Braided Hydraulic Hose

Applicable Specs:

- DIN EN 854 1TE ■ SAE 100R6 ■ DIN 20021 1TE ■ TS 6388 EN 854 TIP 1TE
- ISO 4079-1TE ■ ISO 1307

Applications:



Italy Technology Equipment

Product Series:



New-Standard



Ultra Soft & Flexible

Internal hose:

Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:

1 layer of textile braid

Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

Ferrule: No-skive Type PUSH-ON-R6/1TE
 Insert: PUSH-ON-R6/1TE (X: Can choose)
 Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

12-35 Bar / 174-507.5 PSI



Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

2TE Textile Braided Hydraulic Hose

Applicable Specs:

- EN 854 2TE ■ SAE 100R3 ■ DIN 20021 2TE ■ TS 6388 EN854 TIP 2TE
- ISO4079-2TE ■ ISO1307

Applications:



Italy Technology Equipment

Product Series:



New-Standard



Ultra Soft & Flexible

Internal hose:

Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:

2 layers of textile braid

Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

Ferrule: No-skive Type PUSH-ON -2TE
 Insert: PUSH-ON-2TE (X: Can choose)
 Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

40-80 Bar/580-1160 PSI



Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants.

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 211106-05	-03	4.8	3/16"	4.4-5.2	/	10.0-11.6	35	507.5	140	2030	35	0.100	50/100	PUSH-ON-R6/1TE-03
JDE 211106-06	-04	6.4	1/4"	5.9-6.9	/	11.6-13.5	28	406	112	1624	45	0.110	50/100	PUSH-ON-R6/1TE-04
JDE 211106-08	-05	8.0	5/16"	7.4-8.4	/	13.1-15.1	28	406	112	1624	65	0.130	50/100	PUSH-ON-R6/1TE-05
JDE 211106-10	-06	9.5	3/8"	9.0-10.0	/	14.7-16.7	28	406	112	1624	75	0.160	50/100	PUSH-ON-R6/1TE-06
JDE 211106-12	-08	12.7	1/2"	12.1-13.3	/	17.7-20.6	28	406	112	1624	90	0.220	50/100	PUSH-ON-R6/1TE-08
JDE 211106-16	-10	16.0	5/8"	15.3-16.5	/	21.9-23.9	24	348	96	1392	115	0.270	50/100	PUSH-ON-R6/1TE-10
JDE 211106-19	-12	19.0	3/4"	18.2-19.8	/	25.4-27.8	21	304.5	84	1218	150	0.330	50/100	PUSH-ON-R6/1TE-12
JDE 211106-25	-16	25.4	1"	24.6-26.2	/	32.8-35.9	12	174	48	696	155	0.500	50/100	PUSH-ON-R6/1TE-16

Marking / Layline (Printing, Ink)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black ● Red ● Green ● Blue



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#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 211103-05	-03	4.8	3/16"	4.4-5.2	/	11.0-12.6	80	1160.0	320	4640	25	0.200	50/100	PUSH-ON-2TE-03
JDE 211103-06	-04	6.4	1/4"	5.9-6.9	/	12.6-14.2	75	1087.5	300	4350	40	0.160	50/100	PUSH-ON-2TE-04
JDE 211103-08	-05	8.0	5/16"	7.4-8.4	/	14.1-15.7	68	986.0	272	3944	50	0.180	50/100	PUSH-ON-2TE-05
JDE 211103-10	-06	9.5	3/8"	9.0-10.0	/	15.7-17.3	63	913.5	252	3654	60	0.190	50/100	PUSH-ON-2TE-06
JDE 211103-12	-08	12.7	1/2"	12.1-13.3	/	18.7-20.7	58	841.0	232	3364	70	0.260	50/100	PUSH-ON-2TE-08
JDE 211103-16	-10	16.0	5/8"	15.3-16.5	/	22.9-24.9	50	725.0	200	2900	90	0.350	50/100	PUSH-ON-2TE-10
JDE 211103-19	-12	19.0	3/4"	18.2-19.8	/	26.0-28.0	45	652.5	180	2610	110	0.400	50/100	PUSH-ON-2TE-12
JDE 211103-25	-16	25.4	1"	24.6-26.2	/	32.9-35.9	40	580.0	160	2320	150	0.600	50/100	PUSH-ON-2TE-16

Marking / Layline (Printing, Ink)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black ● Red ● Green ● Blue



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BS EN 856



Application



4SP



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP
- TS 10548
- ISO 1307
- ISO 8030 / EN 1804 / EN 13463-1
- ISO 4413
- ISO 3862 4SP
- GB-T 10544

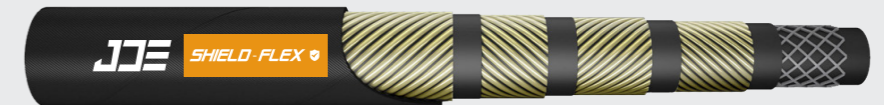


4SH



Applicable Specs:

- DIN 20023 PART 2 TYPE 4SH
- TS 10548 / PG-G-32010
- ISO 1307
- ISO 8030 / EN 1804-3 / ISO 6805 ISO 4413
- ISO 3862 4SH
- GB-T 10544



4SP Wire Spiral Hydraulic Hose

Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP ■ TS 10548 ■ ISO 1307 ■ ISO 8030 / EN 1804 / EN 13463-1
- ISO 4413 ■ ISO 3862 4SP ■ GB/T 10544

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose: Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement: 4 layers of steel wire spiral

Covering: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings: Ferrule: No-skive Type DPF4T • Insert: DPX4XX (X: Can choose) • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure: 165-445 Bar / 2392.5-6452.5 PSI

Impulse times: ≥ 400,000 Times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media: Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 211104-10	-06	9.5	3/8"	9.3-10.1	16.9-18.1	20.6-22.2	445	6452.5	1780	25810	180	0.700	20/40	DPF4T-06
JDE 211104-12	-08	12.7	1/2"	12.3-13.5	19.4-21.0	23.8-25.4	415	6017.5	1660	24070	230	0.800	20/40	DPF4T-08
JDE 211104-16	-10	16.0	5/8"	15.5-16.7	23.0-24.6	27.4-29.0	350	5075	1400	20300	250	0.975	20/40	DPF4T-10
JDE 211104-19	-12	19.0	3/4"	18.6-19.8	27.4-29.0	31.4-33.0	350	5075	1400	20300	300	1.450	20/40	DPF4T-12
JDE 211104-25	-16	25.4	1"	25.0-26.4	34.5-36.1	38.5-40.9	280	4060	1120	16240	340	2.050	20/40	DPF4T-16
JDE 211104-32	-20	31.8	1-1/4"	31.4-33.0	45.0-47.0	49.2-52.4	210	3045	840	12180	460	3.060	20/40	DPF4T-20
JDE 211104-38	-24	38.1	1-1/2"	37.7-39.3	51.4-53.4	55.6-58.8	185	2682.5	740	10730	560	3.650	20/40	DPF4T-24
JDE 211104-51	-32	50.8	2"	50.4-52.0	64.3-66.3	68.2-71.4	165	2392.5	660	9570	660	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)

EN856 4SP EXCEEDS SAE100R12 ID: 3/8" (10MM) MAX.W.P.445BAR/ 6455PSI

Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAKKS, DEKRA, PG, DIN, SE, MA, USF

4SH Wire Spiral Hydraulic Hose

Applicable Specs:

- DIN 20023 PART 2 TYPE 4SH ■ TS 10548 / PG-G-32010 ■ ISO 1307
- ISO 8030 / EN 1804-3 / ISO 6805 ISO 4413 ■ ISO 3862 4SH ■ GB/T 10544

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose: Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement: 4 layers of steel wire spiral

Covering: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings: Ferrule: No-skive Type DPF4T • Insert: DPX4XX (X: Can choose) • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure: 250-420 Bar/3625-6090 PSI

Impulse times: ≥ 400,000 Times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media: Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 211114-19	-12	19.0	3/4"	18.6-19.8	27.6-29.2	31.4-33.0	420	6090	1680	24360	280	1.600	20/40	DPF4T-12
JDE 211114-25	-16	25.4	1"	25.0-26.4	34.4-36.0	37.5-39.9	380	5510	1520	22040	340	2.200	20/40	DPF4T-16
JDE 211114-32	-20	31.8	1-1/4"	31.4-33.0	40.9-42.9	43.9-47.1	325	4712.5	1300	18850	460	2.750	20/40	DPF4T-20
JDE 211114-38	-24	38.1	1-1/2"	37.7-39.3	47.8-49.8	51.9-55.1	290	4205	1160	16820	560	3.750	20/40	DPF4T-24
JDE 211114-51	-32	50.8	2"	50.4-52.0	62.2-64.2	66.5-69.7	250	3625	1000	14500	700	4.950	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)

EN856 4SH EXCEEDS SAE100R13 ID: 3/4" (19MM) MAX.W.P.420BAR/ 6090PSI

Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAKKS, DEKRA, PG, DIN, SE, MA, USF



BS EN 857



Application



1SC



Applicable Specs:

- DIN EN 857 1SC
- ISO 1436:2009
- TS 6387 EN 857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1



2SC



Applicable Specs:

- DIN EN 857 2SC
- ISO 11237-1 2SC
- EN 1804-3
- ISO 1307
- ISO 6805



1SC Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 857 1SC ■ ISO 1436:2009 ■ TS 6387 EN 857 1SC ■ ISO 1307
- ISO 6805 ■ EN 13463-1

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved

- Working Pressure:**
88–225 Bar / 1276–3262.5 PSI
- Impulse times:**
≥ 150,000 Times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:**
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
DEF 211121-06	-04	6.4	1/4"	6.1-6.9	9.6–10.8	13.5 MAX.	225	3262.5	900	13050	75	0.190	50/100	DPF2T-04
DEF 211121-08	-05	8.0	5/16"	7.7-8.5	10.9–12.1	14.5 MAX.	215	3117.5	860	12470	85	0.220	50/100	DPF2T-05
DEF 211121-10	-06	9.5	3/8"	9.3-10.1	12.7–14.5	16.9 MAX.	180	2610	720	10440	90	0.250	50/100	DPF2T-06
DEF 211121-12	-08	12.7	1/2"	12.3-13.5	15.9–18.1	20.4 MAX.	160	2320	640	9280	130	0.350	50/100	DPF2T-08
DEF 211121-16	-10	16.0	5/8"	15.5-16.7	19.8–21.0	23.0 MAX.	130	1885	520	7540	150	0.450	50/100	DPF2T-10
DEF 211121-19	-12	19.0	3/4"	18.6-19.8	23.2–24.4	26.7 MAX.	105	1522.5	420	6090	180	0.500	50/100	DPF2T-12
DEF 211121-25	-16	25.4	1"	25.0-26.4	30.7–31.9	34.9 MAX.	88	1276	352	5104	230	0.750	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

2SC Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 857 2SC ■ ISO 11237-12SC ■ EN 1804-3
- ISO 1307 ■ ISO 6805

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved

- Working Pressure:**
165–400 Bar / 2392.5–5800 PSI
- Impulse times:**
≥ 200,000 Times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:**
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
DEF 211122-06	-04	6.4	1/4"	6.1-6.9	10.6-11.7	14.2 MAX.	400	5800	1600	23200	75	0.290	50/100	DPF2T-04
DEF 211122-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.0 MAX.	350	5075	1400	20300	85	0.330	50/100	DPF2T-05
DEF 211122-10	-06	9.5	3/8"	9.3-10.1	14.4-15.6	18.3 MAX.	330	4785	1320	19140	90	0.420	50/100	DPF2T-06
DEF 211122-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.5 MAX.	275	3987.5	1100	15950	130	0.550	50/100	DPF2T-08
DEF 211122-16	-10	16.0	5/8"	15.5-16.7	20.5-22.3	24.7 MAX.	250	3625	1000	14500	170	0.650	50/100	DPF2T-10
DEF 211122-19	-12	19.0	3/4"	18.6-19.8	24.6-26.4	28.6 MAX.	215	3117.5	860	12470	200	0.790	50/100	DPF2T-12
DEF 211122-25	-16	25.4	1"	25.0-26.4	32.5-34.3	36.6 MAX.	165	2392.5	660	9570	250	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group



SAE J517



Application



R1AT

Applicable Specs:

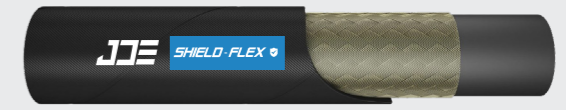
- DIN EN853 1SN
- EXCEEDS SAE 100R1AT
- ISO 1436:2009
- TS 6387 EN 853 1SN
- ISO 1307 / EN 1804-3
- ISO 6805 / EN 13463-1



R1A

Applicable Specs:

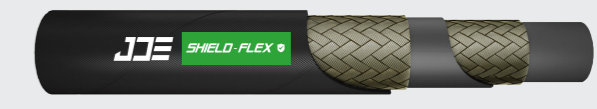
- DIN EN 853 1ST
- EXCEEDS SAE 100R1A
- ISO 1436:2009
- TS 6387 EN 853 1ST
- ISO 1307 / EN 1804-3
- ISO 6805 / EN 13463-1



R2AT

Applicable Specs:

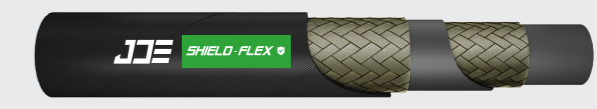
- DIN EN853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



R2A

Applicable Specs:

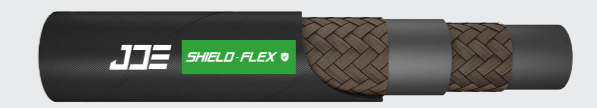
- DIN EN853 2ST
- EXCEEDS SAE 100R2A
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



R3

Applicable Specs:

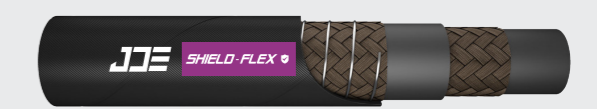
- SAE 100R3
- ISO 4079



R4

Applicable Specs:

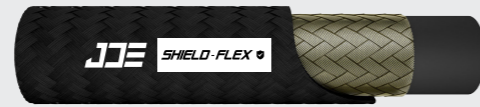
- SAE J517 R4
- ISO 1307



R5

Applicable Specs:

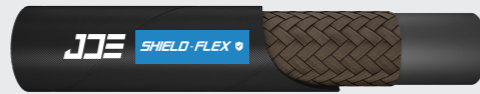
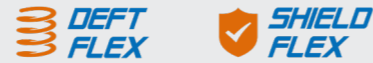
- SAE 100R5 BX



R6

Applicable Specs:

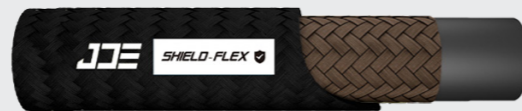
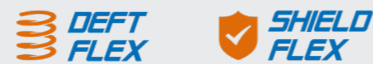
- DIN EN 853 1TE
- SAE 100R6
- DIN 20021 1TE
- TS 6388 EN 854 TIP 1TE
- ISO 4079-1TE
- ISO 1307



R6CT

Applicable Specs:

- OIL HOSE 1TB



R7

Applicable Specs:

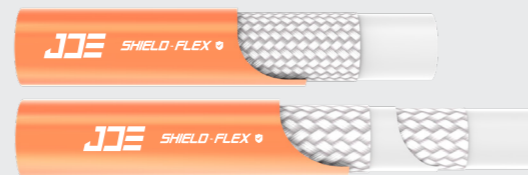
- SAE J517 R7
- ISO 3949 R7



R7 Non-C Type

Applicable Specs:

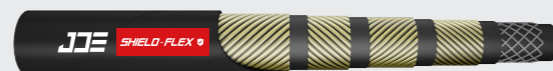
- Meets SAE J517 electrical standards (non-conductivity)
- Meets/Exceeds SAE J517 100R7
- ANSI A92.2
- ISO 3949-R7-2



R9

Applicable Specs:

- SAE 100R12 / EN 856 R9
- TS 10548
- ISO 1307
- ISO 3862 R9



R12

Applicable Specs:

- SAE 100R12 / EN 856 R12
- TS 10548
- ISO 1307
- ISO 3862 R12



R13

Applicable Specs:

- SAE 100R13
- TS 10548 / PG-G-32010
- ISO 1307
- EN 1804-3 / ISO 13463-1
- ISO 3862 R13



R15

Applicable Specs:

- SAE 100R15
- ISO 1307
- ISO 3862 R15



R16

Applicable Specs:

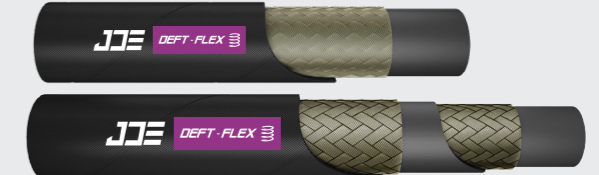
- SAE 100R16
- ISO 11237-1 R16
- ISO 1307



R17

Applicable Specs:

- SAE 100R17
- ISO 11237-1 R17
- ISO 1307



R19

Applicable Specs:

- SAE 100R19



R1AT Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN853 1SN ■ EXCEEDS SAE 100RIAT ■ ISO 1436:2009 ■ TS 6387 EN 853 1SN
- ISO 1307 / EN 1804-3 ■ ISO 6805 / EN 13463-1

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:
1 layer of steel wire braid



Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

- Ferrule: No-skive Type DPF2T
- Insert: DPX1XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
40–250 Bar / 580–3625 PSI

Impulse times:
≥ 150,000 times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

R1A Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 853 1ST ■ EXCEEDS SAE 100RIA ■ ISO 1436:2009 ■ TS 6387
- ISO 1307 / EN 1804-3 ■ ISO 6805 / EN 13463-1

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:
1 layer of steel wire braid



Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

- Ferrule: No-skive Type DPF2T
- Insert: DPX1XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
40–250 Bar / 580–3625 PSI

Impulse times:
≥ 150,000 times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.		R.O.D.		O.D.		Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code		
JDE 311101-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	12.5 MAX.	250	3625	1000	14500	90	0.240	50/100	DPF2T-03		
JDE 311101-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	14.1 MAX.	225	3262.5	900	13050	100	0.255	50/100	DPF2T-04		
JDE 311101-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	15.7 MAX.	215	3117.5	860	12470	115	0.304	50/100	DPF2T-05		
JDE 311101-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	18.1 MAX.	180	2610	720	10440	130	0.390	50/100	DPF2T-06		
JDE 311101-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.4 MAX.	160	2320	640	9280	180	0.472	50/100	DPF2T-08		
JDE 311101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885	520	7540	200	0.581	50/100	DPF2T-10		
JDE 311101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12		
JDE 311101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276	352	5104	300	0.830	50/100	DPF2T-16		
JDE 311101-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	63	913.5	252	3654	420	1.325	20/40	DPF2T-20		
JDE 311101-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	50	725	200	2900	500	1.500	20/40	DPF2T-24		
JDE 311101-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	40	580	160	2320	630	1.875	20/40	DPF2T-32		

#	Hose Size		I.D.		R.O.D.		O.D.		Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code		
JDE 311111-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	11.9-13.5	250	3625	1000	14500	90	0.264	50/100	DPF2T-03		
JDE 311111-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.1-16.7	225	3262.5	900	13050	100	0.281	50/100	DPF2T-04		
JDE 311111-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.7-18.3	215	3117.5	860	12470	115	0.334	50/100	DPF2T-05		
JDE 311111-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.0-20.6	180	2610	720	10440	130	0.429	50/100	DPF2T-06		
JDE 311111-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	22.2-23.8	160	2320	640	9280	180	0.519	50/100	DPF2T-08		
JDE 311111-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	25.4-27.0	130	1885	520	7540	200	0.639	50/100	DPF2T-10		
JDE 311111-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	29.4-31.0	105	1522.5	420	6090	240	0.759	50/100	DPF2T-12		
JDE 311111-25	-16	25.4	1"	25.0-26.4	32.5-34.1	37.1-39.1	88	1276	352	5104	300	0.913	50/100	DPF2T-16		
JDE 311111-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.4-47.6	63	913.5	252	3654	420	1.458	20/40	DPF2T-20		
JDE 311111-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	50.8-54.0	50	725	200	2900	500	1.650	20/40	DPF2T-24		
JDE 311111-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.1-68.3	40	580	160	2320	630	2.063	20/40	DPF2T-32		

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



Powered by DME&JDE Group

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



Powered by DME&JDE Group

R2AT Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 853 2SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:

New-Standard

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX1XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 80–415 Bar / 1160–6017.5 PSI
- Impulse times:** ≥ 200,000 Times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.		R.O.D.		O.D.		Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code		
JDE 311102-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	14.1 MAX.	415	6017.5	1660	24070	90	0.340	50/100	DPF2T-03		
JDE 311102-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800	1600	23200	100	0.372	50/100	DPF2T-04		
JDE 311102-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075	1400	20300	115	0.430	50/100	DPF2T-05		
JDE 311102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785	1320	19140	130	0.560	50/100	DPF2T-06		
JDE 311102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08		
JDE 311102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625	1000	14500	200	0.732	50/100	DPF2T-10		
JDE 311102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12		
JDE 311102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16		
JDE 311102-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	49.5 MAX.	125	1812.5	500	7250	420	1.850	20/40	DPF2T-20		
JDE 311102-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	55.9 MAX.	90	1305	360	5220	500	2.300	20/40	DPF2T-24		
JDE 311102-51	-32	50.8	2"	50.4-52.0	58.7-61.7	68.6 MAX.	80	1160	320	4640	630	2.650	20/40	DPF2T-32		

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
 - Packing Type:** Roll, Pallet, Reel
 - Outward Appearance:** ● Black
- Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SE, MA, WSF

Powered by DME&JDE Group

R2A Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN853 2ST ■ EXCEEDS SAE 100R2A ■ ISO 1436:2009 ■ ISO 1307
- PN-G-32010 / PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 ■ PN-EN ISO 4413

Applications:



German Technology Equipment

Product Series:

New-Standard

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 80–415 Bar / 1160–6017.5 PSI
- Impulse times:** ≥ 200,000 Times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.		R.O.D.		O.D.		Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code		
JDE 311112-05	-03	4.8	3/16"	4.6-5.4	10.6-11.6	15.1-16.7	415	6017.5	1660	24070	90	0.374	50/100	DPF2T-03		
JDE 311112-06	-04	6.4	1/4"	6.2-7.0	12.1-13.3	16.7-18.3	400	5800	1600	23200	100	0.409	50/100	DPF2T-04		
JDE 311112-08	-05	8.0	5/16"	7.7-8.5	13.7-14.9	18.3-19.9	350	5075	1400	20300	115	0.473	50/100	DPF2T-05		
JDE 311112-10	-06	9.5	3/8"	9.3-10.1	16.1-17.3	20.6-22.2	330	4785	1320	19140	130	0.616	50/100	DPF2T-06		
JDE 311112-12	-08	12.7	1/2"	12.3-13.5	19.0-20.6	23.8-25.4	275	3987.5	1100	15950	180	0.704	50/100	DPF2T-08		
JDE 311112-16	-10	16.0	5/8"	15.5-16.7	22.2-23.8	27.0-28.6	250	3625	1000	14500	200	0.805	50/100	DPF2T-10		
JDE 311112-19	-12	19.0	3/4"	18.6-19.8	26.2-27.8	31.0-32.6	215	3117.5	860	12470	240	1.023	50/100	DPF2T-12		
JDE 311112-25	-16	25.4	1"	25.0-26.4	34.1-35.7	38.5-40.9	165	2392.5	660	9570	300	1.496	50/100	DPF2T-16		
JDE 311112-32	-20	31.8	1-1/4"	31.4-33.0	43.3-45.7	49.2-52.4	125	1812.5	500	7250	420	2.035	20/40	DPF2T-20		
JDE 311112-38	-24	38.1	1-1/2"	37.7-39.3	49.6-52.0	55.6-58.8	90	1305	360	5220	500	2.300	20/40	DPF2T-24		
JDE 311112-51	-32	50.8	2"	50.4-52.0	62.3-64.7	68.2-71.4	80	1160	320	4640	630	2.650	20/40	DPF2T-32		

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
 - Packing Type:** Roll, Pallet, Reel
 - Outward Appearance:** ● Black
- Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SE, MA, WSF

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R3 Textile Braided Hydraulic Hose

Applicable Specs:

- SAE 100R3
- ISO 4079



Italy Technology Equipment

Product Series:



New-Standard



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

- Ferrule: No-skive Type PUSH-ON-R3
- Insert: PUSH-ON-R3 (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
39-105 Bar/565.5-1522.5PSI

Temperature:

- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

R4 Textile Braided Hydraulic Hose

Applicable Specs:

- ISO 1307
- SAE J517 R4



Italy Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of textile braid + 1 layer of special spiral braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

- Ferrule: No-skive Type DPFR4
- Insert: DPXR4XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
4-21 Bar / 58-304.5 PSI

Temperature:

- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 311103-05	-03	4.8	3/16"	4.5-5.4	-	11.9-13.5	105	1522.5	420	6090	75	0.130	50/100	PUSH-ON-R3-03
JDE 311103-06	-04	6.4	1/4"	6.1-7.0	-	13.5-15.1	87	1261.5	348	5046	75	0.180	50/100	PUSH-ON-R3-04
JDE 311103-08	-05	8.0	5/16"	7.6-8.5	-	16.7-18.3	84	1218.0	336	4872	100	0.280	50/100	PUSH-ON-R3-05
JDE 311103-10	-06	9.5	3/8"	9.2-10.1	-	18.3-19.8	78	1131.0	312	4524	100	0.300	50/100	PUSH-ON-R3-06
JDE 311103-12	-08	12.7	1/2"	12.4-13.5	-	23.0-24.6	70	1015.0	280	4060	125	0.420	50/100	PUSH-ON-R3-08
JDE 311103-16	-10	16.0	5/8"	15.6-16.7	-	26.2-27.8	61	884.5	244	3538	140	0.470	50/100	PUSH-ON-R3-10
JDE 311103-19	-12	19.0	3/4"	18.7-19.8	-	31.0-32.5	52	754.0	208	3016	150	0.680	50/100	PUSH-ON-R3-12
JDE 311103-25	-16	25.4	1"	25.1-26.2	-	36.9-39.3	39	565.5	156	2262	205	0.900	50/100	PUSH-ON-R3-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black ● Red ● Green ● Blue



Powered by DME&JDE Group

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 311104-19	-12	19.0	3/4"	19±0.4	-	34.9±0.4	21.0	304.5	63	913.5	125	0.99	60	DPFR4-12
JDE 311104-25	-16	25.4	1"	25±0.4	-	41.3±0.4	17.0	246.5	51	739.5	150	1.21	60	DPFR4-16
JDE 311104-32	-20	31.8	1-1/4"	32±0.4	-	50.8±0.4	14.0	203	42	609	200	1.68	60	DPFR4-20
JDE 311104-38	-24	38.1	1-1/2"	38±0.4	-	57.2±0.4	10.5	152.25	31.5	456.75	255	1.93	60	DPFR4-24
JDE 311104-45	-28	44.4	1-3/4"	45±0.4	-	64±0.4	10.0	148	30	435	275	2.22	60	DPFR4-28
JDE 311104-51	-32	50.8	2"	51±0.4	-	69.9±0.4	7.0	101.5	21	304.5	300	2.47	60	DPFR4-32
JDE 311104-64	-40	64.0	2-1/2"	64±0.4	-	82.6±0.4	4.0	58	12	174	355	3.17	60	DPFR4-40
JDE 311104-76	-48	76.2	3"	76±0.4	-	95.3±0.4	4.0	58	12	174	460	4.03	60	DPFR4-48
JDE 311104-89	-56	88.9	3-1/2"	89±0.4	-	107.9±0.4	4.0	58	12	174	530	4.8	60	DPFR4-48
JDE 311104-102	-64	101.6	4"	102±0.4	-	120.7±0.4	4.0	58	12	174	610	5.44	60	DPFR4-64

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



Powered by DME&JDE Group

R5 Wire Braided Hydraulic Hose

Applicable Specs:

- SAE 100R5BX



German Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of steel wire braid
- Covering:** Black Color textile braided cover
- Fittings:**
 - Ferrule: No-skive Type DPF5
 - Insert: DPF5 (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 24–210 Bar / 348–3045 PSI
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
- Media:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 331105-05 BX	-04	4.8	3/16"	4.8-5.5	-	12.7-13.7	210	3045	840	12180	75	0.130	50/100	DPFR5-04
JDE 331105-06 BX	-05	6.4	1/4"	6.4-7.2	-	14.3-15.3	210	3045	840	12180	85	0.160	50/100	DPFR5-05
JDE 331105-08 BX	-06	7.9	5/16"	7.9-8.7	-	16.7-17.6	157	2276.5	628	9106	100	0.200	50/100	DPFR5-06
JDE 331105-11 BX	-08	10.3	13/32"	10.3-11.1	-	18.9-20.0	140	2030	560	8120	115	0.240	50/100	DPFR5-08
JDE 331105-12 BX	-10	12.7	1/2"	12.7-13.7	-	22.8-24.0	122	1769	488	7076	140	0.350	50/100	DPFR5-10
JDE 331105-16 BX	-12	15.9	5/8"	15.9-17.0	-	26.8-28.0	105	1522.5	420	6090	165	0.450	50/100	DPFR5-12
JDE 331105-22 BX	-16	22.2	7/8"	22.2-23.3	-	30.6-32.2	56	812	224	3248	185	0.400	50/100	DPFR5-16
JDE 331105-29 BX	-20	28.6	1-1/8"	28.6-29.8	-	37.3-38.9	43.0	623.5	172	2494	230	0.550	50	DPFR5-20
JDE 331105-35 BX	-24	34.9	1-3/8"	34.9-36.1	-	43.7-45.2	35.0	507.5	140	2030	265	0.700	50	DPFR5-24
JDE 331105-46 BX	-32	46.0	1-13/16"	46.0-47.2	-	55.2-57.6	24	348	96	1392	335	0.990	50	DPFR5-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Textile fabrics
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



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R6 Textile Braided Hydraulic Hose

Applicable Specs:

- DIN EN 853 1TE
- SAE 100R6
- DIN 200211TE
- TS 6388 EN 854 TIP 1TE
- ISO 4079-1TE
- ISO 1307



Italy Technology Equipment

Product Series:

SHIELD FLEX | **DEFT FLEX**

New-Standard | Ultra Soft & Flexible

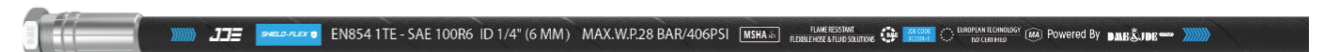
- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of textile braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type PUSH-ON-R6/1TE
 - Insert: PUSH-ON-R6/1TE (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 12–35 Bar / 174–507.5 PSI
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 311106-05	-03	4.8	3/16"	4.4-5.2	-	10.3-11.9	35	507.5	140	2030	50	0.100	50/100	PUSH-ON-R6/1TE-03
JDE 311106-06	-04	6.4	1/4"	5.9-6.9	-	11.9-13.5	28	406.0	112	1624	65	0.156	50/100	PUSH-ON-R6/1TE-04
JDE 311106-08	-05	8.0	5/16"	7.4-8.4	-	13.5-15.1	28	406.0	112	1624	75	0.178	50/100	PUSH-ON-R6/1TE-05
JDE 311106-10	-06	9.5	3/8"	9.0-10.0	-	15.1-16.7	28	406.0	112	1624	75	0.202	50/100	PUSH-ON-R6/1TE-06
JDE 311106-12	-08	12.7	1/2"	12.1-13.3	-	17.7-19.7	28	406.0	112	1624	100	0.280	50/100	PUSH-ON-R6/1TE-08
JDE 311106-16	-10	16.0	5/8"	15.3-16.5	-	22.2-23.8	24	348	96	1392	125	0.330	50/100	PUSH-ON-R6/1TE-10
JDE 311106-19	-12	19.0	3/4"	18.2-19.8	-	25.4-27.8	21	304.5	84	1218	150	0.460	50/100	PUSH-ON-R6/1TE-12
JDE 311106-25	-16	25.4	1"	24.6-26.2	-	32.2-34.6	12	174.0	48	696	155.0	0.590	50/100	PUSH-ON-R6/1TE-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black ● Red ● Green ● Blue



Powered by DME&JDE Group

R6CT Textile Braided Hydraulic Hose



Applicable Specs:
■ OIL HOSE ITB

Italy Technology Equipment

Product Series:



New-Standard



Ultra Soft & Flexible



- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of textile braid
- Covering:** Black Color textile braided cover
- Fittings:**
 - Ferrule: No-skive Type PUSH-ON-R6/1TE
 - Insert: PUSH-ON-R6/1TE (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 12-20 Bar/174-290 PSI
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Hose designed for oil delivery

SAE R7 Black color – Polyester elastomer. (Composite tube)

Applicable Specs:
■ SAE J517 R7 ■ ISO 3949 R7

Italy Technology Equipment

Product Series:



New-Standard



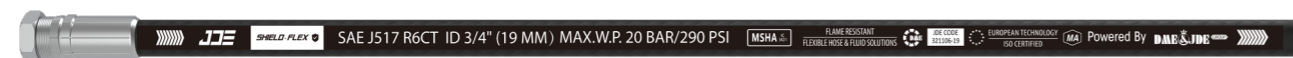
- Internal hose:** PA (polyamide)
- Reinforcement:** 1 layer of textile braid
- Covering:** PU (Polyurethane), black
- Fittings:**
 - Ferrule: No-skive Type DPF7
 - Insert: DPXR7-XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 70-230 Bar/1015-3336PSI
- Temperature:**
 - 40 °C to +100 °C (intermittent 110 °C)
 - 40 °C to +70 °C for water based fluids
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Petroleum, synthetic or water based fluids in Hydraulic systems

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 331106-05	-03	4.8	3/16"	4.4-5.2	-	10.0-11.6	20	290	80	1160	50	0.100	50/100	PUSH-ON-R6/1TE-03
JDE 331106-06	-04	6.4	1/4"	5.9-6.9	-	11.6-13.5	20	290	80	1160	65	0.110	50/100	PUSH-ON-R6/1TE-04
JDE 331106-08	-05	8.0	5/16"	7.4-8.4	-	13.1-15.1	20	290	80	1160	75	0.130	50/100	PUSH-ON-R6/1TE-05
JDE 331106-10	-06	9.5	3/8"	9.0-10.0	-	14.7-16.7	20	290	80	1160	75	0.160	50/100	PUSH-ON-R6/1TE-06
JDE 331106-12	-08	12.7	1/2"	12.1-13.3	-	17.7-20.6	20	290	80	1160	100	0.220	50/100	PUSH-ON-R6/1TE-08
JDE 331106-16	-10	16.0	5/8"	15.3-16.5	-	21.9-23.9	20	290	80	1160	125	0.270	50/100	PUSH-ON-R6/1TE-10
JDE 331106-19	-12	19.0	3/4"	18.2-19.8	-	25.4-27.8	20	290	80	1160	150	0.330	50/100	PUSH-ON-R6/1TE-12
JDE 331106-25	-16	25.4	1"	24.6-26.2	-	32.8-35.9	12.0	174	48	696	155	0.500	50/100	PUSH-ON-R6/1TE-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Textile fabrics
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



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#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 321107-03	3.2	1/8"	3.4-3.6	-	8.6 MAX	230	3336	920	13343	12	-	40-100	DPFR7-02
JDE 321107-05	4.8	3/16"	4.9-5.1	-	10.1 MAX	210	3045	840	13183	30	-	40-100	DPFR7-03
JDE 321107-06	6.0	1/4"	6.3-6.5	-	11.9 MAX	200	2901	800	11603	35	-	40-100	DPFR7-04
JDE 321107-08	8.0	5/16"	7.9-8.1	-	14.4 MAX	190	2756	760	11023	45	-	40-100	DPFR7-05
JDE 321107-10	10.0	3/8"	9.9-10.1	-	16.1 MAX	175	2538	700	10153	55	-	40-100	DPFR7-06
JDE 321107-12	12.0	1/2"	12.9-13.1	-	20.4 MAX	140	2031	560	8122	75	-	40-100	DPFR7-08
JDE 321107-16	16.0	5/8"	15.9-16.1	-	23.6 MAX	105	1523	420	6092	120	-	30-50	DPFR7-10
JDE 321107-19	19.0	3/4"	18.9-19.1	-	26.6 MAX	90	1305	360	5221	145	-	30-50	DPFR7-12
JDE 321107-25	25.0	1"	24.9-25.1	-	33.7 MAX	70	1015	280	4061	200	-	30-50	DPFR7-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Smooth
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black ● Red ● Gray ● Yellow ● Green ● Blue



Powered by DME&JDE Group

R7 Non-C Type (Non-Conductive Hose, Orange Color)

Applicable Specs:

- Meets SAE J517 electrical standards (non-conductivity) | Meets/Exceeds SAE J517 100R7
- ANSI A92.2 | ISO 3949-R7-2

Applications:



Italy Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose: Polyester elastomer (composite tube)

Reinforcement: 1 layer of textile braid (But 5/8" use 2 layers of textile braid)

Covering: Polyurethane in orange color

Fittings: Ferrule: Type DPFR7 • Insert: DPXR7-XX (X: Can choose) • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure: 70–224 Bar / 1015–3248 PSI

Temperature: • -40 °C to +100 °C

Media: Designed specifically for the rigors of the aerial lift market including the highest level of non-conductivity, abrasion and permeation resistance.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 328107-03 Non-C Type	-02	3.3	1/8"	3.4-3.6	-	8.5	224	3248	689	9991	19	-	90-110	DPFR7-02
JDE 328107-05 Non-C Type	-03	4.8	3/16"	4.9-5.1	-	10.8	224	3248	828	12006	19	-	90-110	DPFR7-03
JDE 328107-06 Non-C Type	-04	6.4	1/4"	6.3-6.5	-	13.0	210	3045	828	12006	38	-	90-110	DPFR7-04
JDE 328107-08 Non-C Type	-05	8.0	5/16"	7.9-8.1	-	15.1	175	2538	689	9991	44	-	90-110	DPFR7-05
JDE 328107-10 Non-C Type	-06	9.6	3/8"	9.9-10.1	-	17.0	158	2291	621	9005	51	-	90-110	DPFR7-06
JDE 328107-13 Non-C Type	-08	12.7	1/2"	12.9-13.1	-	20.7	158	2291	552	8004	76	-	90-110	DPFR7-08
JDE 328107-16 Non-C Type	-10	16.0	5/8"	15.9-16.1	-	25.0	192	2784	552	8004	152	-	45-55	DPFR7-10
JDE 328107-19 Non-C Type	-12	19.0	3/4"	18.9-19.1	-	26.0	88	1276	460	6670	127	-	45-55	DPFR7-12
JDE 328107-25 Non-C Type	-16	25.0	1"	24.9-25.1	-	32.0	70	1015	276	4002	203	-	45-55	DPFR7-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: Orange

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SE, MA, WSF

R9 Wire Spiral Hydraulic Hose



Applicable Specs:

- SAE 100R9 / EN 856 R9 | TS 10548 | ISO 1307 | ISO 3862 R9

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose: Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement: 4 layers of steel wire spiral

Covering: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings: Ferrule: No-skive Type DPF4T • Insert: DPX4XX (X: Can choose) • U.S MSHA Approver & CHN MA Approver

Working Pressure: 172–276 Bar / 2494–4002 PSI

Impulse times: ≥ 500,000 Times

Temperature: • -40 °C to +100 °C (intermittent 120 °C) • -40 °C to +70 °C for water based fluids • 0 °C to +70 °C hot air • Prolonged operation at extreme temperatures will reduce hoses life

Media: Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 311109-10	-06	9.5	3/8"	9.3-10.1	16.6-17.8	19.5-21.0	276	4002	1104	16008	130	0.700	20/40	DPF4T-06
JDE 311109-12	-08	12.7	1/2"	12.3-13.5	19.9-21.5	23.0-24.6	276	4002	1104	16008	180	0.800	20/40	DPF4T-08
JDE 311109-16	-10	16.0	5/8"	15.5-16.7	23.8-25.4	26.6-28.8	276	4002	1104	16008	200	0.975	20/40	DPF4T-10
JDE 311109-19	-12	19.0	3/4"	18.6-19.8	26.9-28.4	29.9-31.5	276	4002	1104	16008	240	1.450	20/40	DPF4T-12
JDE 311109-25	-16	25.4	1"	25.0-26.4	34.1-35.7	36.8-39.2	276	4002	1104	16008	300	2.050	20/40	DPF4T-16
JDE 311109-32	-20	31.8	1-1/4"	31.4-33.0	42.7-45.1	45.4-48.6	207	3001.5	828	12006	420	3.060	20/40	DPF4T-20
JDE 311109-38	-24	38.1	1-1/2"	37.7-39.3	49.2-51.6	51.9-55.0	172	2494	688	9976	500	3.650	20/40	DPF4T-24
JDE 311109-51	-32	50.8	2"	50.4-52.0	62.5-64.8	65.1-68.3	172	2494	688	9976	630	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: Black

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SE, MA, WSF

R12 Wire Spiral Hydraulic Hose



Applicable Specs:

- SAE 100R12 / EN 856 R12
- TS 10548
- ISO 1307
- ISO 3862 R12

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of steel wire spiral

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

- Ferrule: No-skive Type DPF4T
- Insert: DPX4XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

172–276 Bar / 2494–4002 PSI

Impulse times:

≥ 500,000 Times

Temperature:

- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

R13 Wire Spiral Hydraulic Hose



Applicable Specs:

- SAE 100R13
- TS 10548 / PG-G-32010
- ISO 1307
- EN 1804-3 / ISO 13463-1
- ISO 3862 R13

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of high tensile steel wire spiral up to size 1", 6 layers of spiral from size 1-1/4" to 2"

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

- Ferrule: No-skive Type DPF13
- Insert: DPXR13-XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

350 Bar / 5075 PSI

Impulse times:

≥ 500,000 Times

Temperature:

- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
I.D.	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 311112-10	-06	9.5	3/8"	9.3-10.1	16.6-17.8	19.5-21.0	280	4060	1120	16240	125	0.700	20/40	DPF4T-06
JDE 311112-12	-08	12.7	1/2"	12.3-13.5	19.9-21.5	23.0-24.6	280	4060	1120	16240	180	0.800	20/40	DPF4T-08
JDE 311112-16	-10	16.0	5/8"	15.5-16.7	23.8-25.4	26.6-28.8	280	4060	1120	16240	200	0.975	20/40	DPF4T-10
JDE 311112-19	-12	19.0	3/4"	18.6-19.8	26.9-28.4	29.9-31.5	280	4060	1120	16240	240	1.450	20/40	DPF4T-12
JDE 311112-25	-16	25.4	1"	25.0-26.4	34.1-35.7	36.8-39.2	280	4060	1120	16240	300	2.050	20/40	DPF4T-16
JDE 311112-32	-20	31.8	1-1/4"	31.4-33.0	42.7-45.1	45.4-48.6	210	3045	840	12180	420	3.060	20/40	DPF4T-20
JDE 311112-38	-24	38.1	1-1/2"	37.7-39.3	49.2-51.6	51.9-55.0	175	2538	700	10150	500	3.650	20/40	DPF4T-24
JDE 311112-51	-32	50.8	2"	50.4-52.0	62.5-64.8	65.1-68.3	175	2538	700	10150	630	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



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#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
I.D.	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 311113-19	-12	19.0	3/4"	18.6-19.8	28.2-29.8	31.0-33.2	350	5075	1400	20300	240	1.450	20/40	DPFR13-12
JDE 311113-25	-16	25.4	1"	25.0-26.4	34.9-36.4	37.6-39.8	350	5075	1400	20300	300	2.050	20/40	DPFR13-16
JDE 311113-32	-20	31.8	1-1/4"	31.4-33.0	45.6-48.0	48.3-51.3	350	5075	1400	20300	420	3.950	20/40	DPFR13-20
JDE 311113-38	-24	38.1	1-1/2"	37.7-39.3	53.1-55.5	55.8-58.8	350	5075	1400	20300	500	5.250	20/40	DPFR13-24
JDE 311113-51	-32	50.8	2"	50.4-52.0	66.9-69.3	69.5-72.7	350	5075	1400	20300	640	6.600	20/40	DPFR13-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



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R15 Wire Spiral Hydraulic Hose



Applicable Specs:

- SAE 100R15
- ISO 1307
- ISO 3862 R15

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of high tensile steel wire spiral up to size 1", 6 layers of spiral from size 1-1/4" to 2"

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPFR15 • Insert: DPXR15-XX (X: Can choose) • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
420 Bar / 6090 PSI

Impulse times:
≥ 500,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule			
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 311115-10	-06	9.3	3/8"	9.3-10.1	20.3 MAX	23.3 MAX	420	6090	1680	24360	150	0.800	20/40	DPFR15-06
JDE 311115-12	-08	12.3	1/2"	12.3-13.5	24.0 MAX	26.8 MAX	420	6090	1680	24360	200	0.900	20/40	DPFR15-08
JDE 311115-19	-12	19.0	3/4"	18.6-19.8	32.9 MAX	36.1 MAX	420	6090	1680	24360	265	1.600	20/40	DPFR15-12
JDE 311115-25	-16	25.4	1"	25.0-26.4	38.9 MAX	42.9 MAX	420	6090	1680	24360	330	2.250	20/40	DPFR15-16
JDE 311115-32	-20	31.8	1-1/4"	31.4-33.0	48.4 MAX	51.5 MAX	420	6090	1680	24360	445	3.950	20/40	DPFR15-20
JDE 311115-38	-24	38.1	1-1/2"	37.7-39.3	56.3 MAX	59.6 MAX	420	6090	1680	24360	530	5.250	20/40	DPFR15-24
JDE 311115-51	-32	50.8	2"	37.7-39.3	-	-	420	6090	1680	24360	-	6.600	20/40	DPFR15-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



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R16 Wire Braided Hydraulic Hose

Applicable Specs:

- SAE 100R16
- ISO 11237-1 R16
- ISO 1307

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T • Insert: DPX2XX (X: Can choose) • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
125-400 Bar / 1812.5-5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 125 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule			
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
DEF 311116-06	-04	6.4	1/4"	6.2-7.0	12.3 MAX.	14.5 MAX.	400	5800	1600	23200	50	0.290	50/100	DPF2T-04
DEF 311116-08	-05	8.0	5/16"	7.7-8.5	13.3 MAX.	15.7 MAX.	350	5075	1400	20300	55	0.330	50/100	DPF2T-05
DEF 311116-10	-06	9.5	3/8"	9.3-10.1	15.9 MAX.	18.8 MAX.	330	4785	1320	19140	65	0.420	50/100	DPF2T-06
DEF 311116-12	-08	12.7	1/2"	12.3-13.5	19.0 MAX.	22.0 MAX.	275	3987.5	1100	15950	90	0.550	50/100	DPF2T-08
DEF 311116-16	-10	16.0	5/8"	15.5-16.7	22.6 MAX.	25.4 MAX.	250	3625	1000	14500	100	0.650	50/100	DPF2T-10
DEF 311116-19	-12	19.0	3/4"	18.6-19.8	26.3 MAX.	29.0 MAX.	215	3117.5	860	12470	120	0.790	50/100	DPF2T-12
DEF 311116-25	-16	25.4	1"	25.0-26.4	34.0 MAX.	36.6 MAX.	165	2392.5	660	9570	150	1.180	50/100	DPF2T-16
DEF 311116-32	-20	31.5	1-1/4"	31.4-33.0	41.9 MAX.	44.3 MAX.	125	1812.5	500	7250	210	1.800	40/50	DPF2T-20

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



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R17 Wire Braided Hydraulic Hose

Applicable Specs:
 ■ SAE 100R17 ■ ISO 11237-1 R17 ■ ISO 1307



German Technology Equipment

Product Series:

Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of high tensile steel wire braid up to size 1/2", 2 layers of high tensile steel wire braid from size 5/8" onwards.

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
210 Bar / 3045 PSI

Impulse times:
≥ 150,000 Times

Temperature:
 • -40 °C to +100 °C (intermittent 120 °C)
 • -40 °C to +70 °C for water based fluids
 • 0 °C to +70 °C hot air
 • Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
DEF 311117-05	-03	4.6	3/16"	4.6-5.4	10.1 MAX.	11.6 MAX.	210	3045	840	12180	45	0.190	50/100	DPF2T-04
DEF 311117-06	-04	6.4	1/4"	6.2-7.0	11.0 MAX.	13.2 MAX.	210	3045	840	12180	50	0.220	50/100	DPF2T-04
DEF 311117-08	-05	8.0	5/16"	7.7-8.5	13.0 MAX.	15.0 MAX.	210	3045	840	12180	55	0.260	50/100	DPF2T-05
DEF 311117-10	-06	9.5	3/8"	9.3-10.1	15.0 MAX.	17.0 MAX.	210	3045	840	12180	65	0.320	50/100	DPF2T-06
DEF 311117-12	-08	12.7	1/2"	12.3-13.5	18.8 MAX.	21.1 MAX.	210	3045	840	12180	90	0.440	50/100	DPF2T-08
DEF 311117-16	-10	16.0	5/8"	15.5-16.7	23.6 MAX.	25.9 MAX.	210	3045	840	12180	100	0.640	50/100	DPF2T-10
DEF 311117-19	-12	19.0	3/4"	18.6-19.8	27.7 MAX.	30.3 MAX.	210	3045	840	12180	120	0.900	50/100	DPF2T-12
DEF 311117-25	-16	25.4	1"	25.0-26.4	35.6 MAX.	38.6 MAX.	210	3045	840	12180	150	1.250	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)

SAE 100R17 ID:1/4"(6MM) MAX.W.P210BAR/3045PSI 3Q2019

Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ●Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WISF

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R19 Wire Braided Hydraulic Hose

Applicable Specs:
 ■ SAE 100R19



German Technology Equipment

Product Series:

Super Impulse & Pressure

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
280 Bar/4060 PSI

Impulse times:
≥ 200,000 Times

Temperature:
 • -40 °C to +100 °C (intermittent 120 °C)
 • -40 °C to +70 °C for water based fluids
 • 0 °C to +70 °C hot air
 • Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
EXA 311119-06	-04	6.4	1/4"	6.1-6.9	12.4 Max	14.4 Max	280	4060	1120	16240	100	0.290	50/100	DPF2T-04
EXA 311119-08	-05	8.0	5/16"	7.7-8.5	14.2 Max	16.3 Max	280	4060	1120	16240	115	0.330	50/100	DPF2T-05
EXA 311119-10	-06	9.5	3/8"	9.3-10.1	16.0 Max	18.0 Max	280	4060	1120	16240	125	0.420	50/100	DPF2T-06
EXA 311119-12	-08	12.7	1/2"	12.3-13.5	20.4 Max	22.6 Max	280	4060	1120	16240	180	0.550	50/100	DPF2T-08
EXA 311119-16	-10	16.0	5/8"	15.5-16.7	25.9 Max	27.5 Max	280	4060	1120	16240	205	0.650	50/100	DPF2T-10
EXA 311119-19	-12	19.0	3/4"	18.6-19.8	29.7 Max	32.5 Max	280	4060	1120	16240	240	0.790	50/100	DPF2T-12
EXA 311119-25	-16	25.4	1"	25.0-26.4	39.4 Max	39.4 Max	280	4060	1120	16240	300	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)

SAE100R19 ID:1/4"(06MM)MAX.W.P280BAR/4060 PSI

Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ●Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WISF

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BS EN 1360



Application



FUEL HOSE 1SW



Applicable Specs:

- EN 1360 1W STEEL WIRE
- SAE J30



FULE HOSE 2TW



Applicable Specs:

- EN 1360 2TW
- SAE J30 2T TEXTILE BRAID



FUEL HOSE 1SW



Applicable Specs:
 ■ EN 1360 1W STEEL WIRE ■ SAE J30

Applications:



German Technology Equipment

Product Series:

New-Standard

Internal hose:
 Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness.
 Anti-static electricity: R < 1MΩ

Reinforcement:
 1 layer of steel wire braid

Covering:
 Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ

Fittings:
 Ferrule: No-skive Type DPF2T •
 Insert: DPX1XX (X: Can choose) •
 Certificate: MSHA & BV & GOST & IATF 16949 •
 & ISO 9001 & ISO 14001 & ISO 45001 •
 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
 20 Bar / 290 PSI



Temperature:
 • -40 °C to +100 °C
 • Prolonged operation at extreme temperatures will reduce hoses life



Media:
 Petrol and diesel fuel dispensing lines of pressure 290 PSI

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
JDE 421101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	20	290	80	1160	80	0.581	50/100	FUEL-10
JDE 421101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	29.9 MAX.	20	290	80	1160	100	0.690	50/100	FUEL-12
JDE 421101-22	-13	22.0	7/8"	21.6-22.5	27.5-28.5	33.0 MAX.	20	290	80	1160	125	0.700	50/100	FUEL-13
JDE 421101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	35.4 MAX.	20	290	80	1160	150	0.725	50/100	FUEL-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped, Smooth
Packing Type: Roll, Pallet, Reel
Outward Appearance: ● Black ● Red ● Gray ● Yellow ● Green ● Blue



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FULE HOSE 2TW



Applicable Specs:
 ■ EN 1360 2TW ■ SAE J30 2T TEXTILE BRAID

Applications:



Italy Technology Equipment

Product Series:

New-Standard

Internal hose:
 Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness.
 Anti-static electricity: R < 1MΩ

Reinforcement:
 2 layers of textile braid

Covering:
 Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ

Fittings:
 Ferrule: No-skive Type DPF2T •
 Insert: DPX1XX (X: Can choose) •
 Certificate: MSHA & BV & GOST & IATF 16949 •
 & ISO 9001 & ISO 14001 & ISO 45001 •
 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
 20 Bar / 290 PSI



Temperature:
 • -40 °C to +100 °C
 • Prolonged operation at extreme temperatures will reduce hoses life



Media:
 • Petrol and diesel fuel
 • Petrol and diesel fuel dispensing lines of pressure 290 Psi

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
JDE 421102-12	-08	12.0	1/2"	12.3-13.5	-	22.3 MAX.	20	290	80	1160	60	0.390	50/100	FUEL-08
JDE 421102-16	-10	16.0	5/8"	15.5-16.7	-	24.5 MAX.	20	290	80	1160	80	0.400	50/100	FUEL-10
JDE 421102-19	-12	19.0	3/4"	18.6-19.8	-	29.9 MAX.	20	290	80	1160	100	0.450	50/100	FUEL-12
JDE 421102-22	-13	22.0	7/8"	21.6-22.5	-	33.0 MAX.	20	290	80	1160	125	0.570	50/100	FUEL-13
JDE 421102-25	-16	25.4	1"	25.0-26.4	-	35.4 MAX.	20	290	80	1160	150	0.590	50/100	FUEL-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped, Smooth
Packing Type: Roll, Pallet, Reel
Outward Appearance: ● Black ● Red ● Gray ● Yellow ● Green ● Blue



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BS EN 1762



Application



1SW



Applicable Specs:

- EN 1762:TYPE-D



LPG Hoses 1SW Wire Braided LPG Hose



Applicable Specs:

- EN 1762:TYPE-D

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
1.Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: LPG-XX
Insert: DPX1XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
25 Bar / 362.5 PSI

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	I.D.	Dash Size				mm	inch	bar	psi					bar
JDE 421105-10	-06	9.5	3/8"	9.3-10.1	-	18.8 MAX.	25	362.5	100	1450	90	0.390	50/100	LPG-06
JDE 421105-12	-08	12.7	1/2"	12.3-13.5	-	22.7 MAX.	25	362.5	100	1450	100	0.472	50/100	LPG-08
JDE 421105-16	-10	16.0	5/8"	15.5-16.7	-	25.9 MAX.	25	362.5	100	1450	125	0.581	50/100	LPG-10
JDE 421105-19	-12	19.0	3/4"	18.6-19.8	-	31.0 MAX.	25	362.5	100	1450	160	0.690	50/100	LPG-12
JDE 421105-25	-16	25.4	1"	25.0-26.4	-	38.0 MAX.	25	362.5	100	1450	200	0.830	50/100	LPG-16
JDE 421105-32	-20	31.8	1-1/4"	31.4-33.0	-	45.0 MAX.	25	362.5	100	1450	250	1.325	20/40	LPG-20
JDE 421105-38	-24	38.1	1-1/2"	37.7-39.3	-	52.1 MAX.	25	362.5	100	1450	320	1.500	20/40	LPG-24
JDE 421105-51	-32	50.8	2"	50.4-52.0	-	66.0 MAX.	25	362.5	100	1450	400	1.875	20/40	LPG-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black





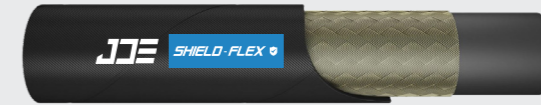
ISO 1436



Application



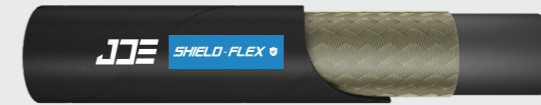
1SN



Applicable Specs:

- DIN EN853 1SN
- EXCEEDS SAE 100R1A
- ISO 1436:2009
- TS 6387 EN 853 1SN
- ISO 1307 / EN 1804-3
- ISO 6805 / EN 13463-1

1ST



Applicable Specs:

- DIN EN 853 1ST
- EXCEEDS SAE 100R1A
- ISO 1436:2009
- TS 6387
- ISO 1307 / EN 1804-3
- ISO 6805 / EN 13463-1

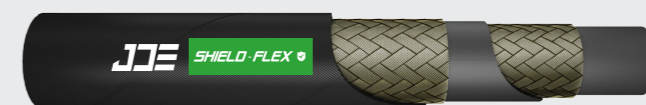
2SN



Applicable Specs:

- DIN EN 853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010

2ST



Applicable Specs:

- DIN EN853 2ST
- EXCEEDS SAE 100R2A
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010

1SN Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN853 1SN ■ EXCEEDS SAE 100RIAT ■ ISO 1436:2009 ■ TS 6387 EN 853 1SN
- ISO 1307 / EN 1804-3 ■ ISO 6805 / EN 13463-1

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:

- 1 layer of steel wire braid



Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

- Ferrule: No-skive Type DPF2T
- Insert: DPX1XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

40–250 Bar / 580–3625 PSI



Impulse times:

≥ 150,000 times



Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



Media:

Mineral and biological oils, glycol-water based, water, lubricants



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	mm	mm	bar					psi
JDE 211101-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	12.5 MAX.	250	3625	1000	14500	90	0.240	50/100	DPF2T-03
JDE 211101-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	14.1 MAX.	225	3262.5	900	13050	100	0.255	50/100	DPF2T-04
JDE 211101-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	15.7 MAX.	215	3117.5	860	12470	115	0.304	50/100	DPF2T-05
JDE 211101-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	18.1 MAX.	180	2610	720	10440	130	0.390	50/100	DPF2T-06
JDE 211101-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.4 MAX.	160	2320	640	9280	180	0.472	50/100	DPF2T-08
JDE 211101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885	520	7540	200	0.581	50/100	DPF2T-10
JDE 211101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12
JDE 211101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276	352	5104	300	0.830	50/100	DPF2T-16
JDE 211101-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	63	913.5	252	3654	420	1.325	20/40	DPF2T-20
JDE 211101-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	50	725	200	2900	500	1.500	20/40	DPF2T-24
JDE 211101-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	40	580	160	2320	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



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1ST Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 853 1ST ■ EXCEEDS SAE 100RIA ■ ISO 1436:2009 ■ TS 6387
- ISO 1307 / EN 1804-3 ■ ISO 6805 / EN 13463-1

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:

- 1 layer of steel wire braid



Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

- Ferrule: No-skive Type DPF2T
- Insert: DPX1XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

40–250 Bar / 580–3625 PSI



Impulse times:

≥ 150,000 times



Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



Media:

Mineral and biological oils, glycol-water based, water, lubricants



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	mm	mm	mm					bar
JDE 211211-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	11.9-13.5	250	3625	1000	14500	90	0.264	50/100	DPF2T-03
JDE 211211-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.1-16.7	225	3262.5	900	13050	100	0.281	50/100	DPF2T-04
JDE 211211-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.7-18.3	215	3117.5	860	12470	115	0.334	50/100	DPF2T-05
JDE 211211-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.0-20.6	180	2610	720	10440	130	0.429	50/100	DPF2T-06
JDE 211211-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	22.2-23.8	160	2320	640	9280	180	0.519	50/100	DPF2T-08
JDE 211211-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	25.4-27.0	130	1885	520	7540	200	0.639	50/100	DPF2T-10
JDE 211211-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	29.4-31.0	105	1522.5	420	6090	240	0.759	50/100	DPF2T-12
JDE 211211-25	-16	25.4	1"	25.0-26.4	32.5-34.1	37.1-39.1	88	1276	352	5104	300	0.913	50/100	DPF2T-16
JDE 211211-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.4-47.6	63	913.5	252	3654	420	1.458	20/40	DPF2T-20
JDE 211211-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	50.8-54.0	50	725	200	2900	500	1.650	20/40	DPF2T-24
JDE 211211-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.1-68.3	40	580	160	2320	630	2.063	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



Powered by DME&JDE Group

2SN Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- ISO 6805 / EN 13463
- PN-G 32010
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3-A1 / PN-EN ISO 4413

Applications:



German Technology Equipment

Product Series:



New-Standard

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 80–415 Bar / 1160–6017.5 PSI
- Impulse times:** ≥ 200,000 times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

2ST Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN853 2ST
- EXCEEDS SAE 100R2A
- ISO 1436:2009
- ISO 1307
- ISO 6805 / EN 13463
- PN-G 32010
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3-A1 / PN-EN ISO 4413

Applications:



German Technology Equipment

Product Series:



New-Standard

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 80–415 Bar / 1160–6017.5 PSI
- Impulse times:** ≥ 200,000 times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.		R.O.D.		O.D.		Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code		
JDE 211102-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	14.1 MAX.	415	6017.5	1660	24070	90	0.340	50/100	DPF2T-03		
JDE 211102-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800	1600	23200	100	0.372	50/100	DPF2T-04		
JDE 211102-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075	1400	20300	115	0.430	50/100	DPF2T-05		
JDE 211102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785	1320	19140	130	0.560	50/100	DPF2T-06		
JDE 211102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08		
JDE 211102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625	1000	14500	200	0.732	50/100	DPF2T-10		
JDE 211102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12		
JDE 211102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16		
JDE 211102-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	49.5 MAX.	125	1812.5	500	7250	420	1.850	20/40	DPF2T-20		
JDE 211102-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	55.9 MAX.	90	1305	360	5220	500	2.300	20/40	DPF2T-24		
JDE 211102-51	-32	50.8	2"	50.4-52.0	58.7-61.7	68.6 MAX.	80	1160	320	4640	630	2.650	20/40	DPF2T-32		

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** Black



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#	Hose Size		I.D.		R.O.D.		O.D.		Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code		
JDE 211112-05	-03	4.8	3/16"	4.6-5.4	10.6-11.6	15.1-16.7	415	6017.5	1660	24070	90	0.374	50/100	DPF2T-03		
JDE 211112-06	-04	6.4	1/4"	6.2-7.0	12.1-13.3	16.7-18.3	400	5800	1600	23200	100	0.409	50/100	DPF2T-04		
JDE 211112-08	-05	8.0	5/16"	7.7-8.5	13.7-14.9	18.3-19.9	350	5075	1400	20300	115	0.473	50/100	DPF2T-05		
JDE 211112-10	-06	9.5	3/8"	9.3-10.1	16.1-17.3	20.6-22.2	330	4785	1320	19140	130	0.616	50/100	DPF2T-06		
JDE 211112-12	-08	12.7	1/2"	12.3-13.5	19.0-20.6	23.8-25.4	275	3987.5	1100	15950	180	0.704	50/100	DPF2T-08		
JDE 211112-16	-10	16.0	5/8"	15.5-16.7	22.2-23.8	27.0-28.6	250	3625	1000	14500	200	0.805	50/100	DPF2T-10		
JDE 211112-19	-12	19.0	3/4"	18.6-19.8	26.2-27.8	31.0-32.6	215	3117.5	860	12470	240	1.023	50/100	DPF2T-12		
JDE 211112-25	-16	25.4	1"	25.0-26.4	34.1-35.7	38.5-40.9	165	2392.5	660	9570	300	1.496	50/100	DPF2T-16		
JDE 211112-32	-20	31.8	1-1/4"	31.4-33.0	43.3-45.7	49.2-52.4	125	1812.5	500	7250	420	2.035	20/40	DPF2T-20		
JDE 211112-38	-24	38.1	1-1/2"	37.7-39.3	49.6-52.0	55.6-58.8	90	1305	360	5220	500	2.530	20/40	DPF2T-24		
JDE 211112-51	-32	50.8	2"	50.4-52.0	62.3-64.7	68.2-71.4	80	1160	320	4640	630	2.915	20/40	DPF2T-32		

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** Black



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ISO 3862



Application



4SP



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP
- TS 10548
- ISO 1307
- GB-T 10544
- ISO 8030 / EN 1804 / EN 13463-1
- ISO 4413
- ISO 3862 4SP



4SH



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SH
- TS 10548
- ISO 1307
- GB-T 10544
- ISO 8030 / EN 1804-3 / ISO 6805
- ISO 4413
- ISO 3862 4SH



R12



Applicable Specs:

- SAE 100R12 / EN 856 R12
- TS 10548
- ISO 1307
- ISO 3862 R12



R13



Applicable Specs:

- SAE 100R13
- TS 10548 / PG-G-32010
- ISO 1307
- EN 1804-3 / ISO 13463-1
- ISO 3862 R13



R15



Applicable Specs:

- SAE 100R15
- ISO 1307
- ISO 3862 R15



4SP Wire Spiral Hydraulic Hose

Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP
- TS 10548
- ISO 1307
- GB-T 10544
- ISO 8030 / EN 1804 / EN 13463-1
- ISO 4413
- ISO 3862 4SP

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:

4 layers of steel wire spiral



Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

Ferrule: No-skive Type DPF4T •
Insert: DPX4XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
165-445 Bar / 2392.5-6452.5 PSI



Impulse times:
≥ 400,000 Times



Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 211104-10	-06	9.5	3/8"	9.3-10.1	16.9-18.1	20.6-22.2	445	6452.5	1780	25810	180	0.700	20/40	DPF4T-06
JDE 211104-12	-08	12.7	1/2"	12.3-13.5	19.4-21.0	23.8-25.4	415	6017.5	1660	24070	230	0.800	20/40	DPF4T-08
JDE 211104-16	-10	16.0	5/8"	15.5-16.7	23.0-24.6	27.4-29.0	350	5075	1400	20300	250	0.975	20/40	DPF4T-10
JDE 211104-19	-12	19.0	3/4"	18.6-19.8	27.4-29.0	31.4-33.0	350	5075	1400	20300	300	1.450	20/40	DPF4T-12
JDE 211104-25	-16	25.4	1"	25.0-26.4	34.5-36.1	38.5-40.9	280	4060	1120	16240	340	2.050	20/40	DPF4T-16
JDE 211104-32	-20	31.8	1-1/4"	31.4-33.0	45.0-47.0	49.2-52.4	210	3045	840	12180	460	3.060	20/40	DPF4T-20
JDE 211104-38	-24	38.1	1-1/2"	37.7-39.3	51.4-53.4	55.6-58.8	185	2682.5	740	10730	560	3.650	20/40	DPF4T-24
JDE 211104-51	-32	50.8	2"	50.4-52.0	64.3-66.3	68.2-71.4	165	2392.5	660	9570	660	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



Powered by DME&JDE Group

4SH Wire Spiral Hydraulic Hose

Applicable Specs:

- DIN 20023 PART 2 TYPE 4SH
- TS 10548 / PG-G-32010
- ISO 1307
- GB-T 10544
- ISO 8030 / EN 1804-3 / ISO 6805
- ISO 4413
- ISO 3862 4SH

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:

4 layers of steel wire spiral



Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

Ferrule: No-skive Type DPF4T •
Insert: DPX4XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
250-420 Bar / 3625-6090 PSI



Impulse times:
≥ 400,000 Times



Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 211114-19	-12	19.0	3/4"	18.6-19.8	27.6-29.2	31.4-33.0	420	6090	1680	24360	280	1.600	20/40	DPF4T-12
JDE 211114-25	-16	25.4	1"	25.0-26.4	34.4-36.0	37.5-39.9	380	5510	1520	22040	340	2.200	20/40	DPF4T-16
JDE 211114-32	-20	31.8	1-1/4"	31.4-33.0	40.9-42.9	43.9-47.1	325	4712.5	1300	18850	460	2.750	20/40	DPF4T-20
JDE 211114-38	-24	38.1	1-1/2"	37.7-39.3	47.8-49.8	51.9-55.1	290	4205	1160	16820	560	3.750	20/40	DPF4T-24
JDE 211114-51	-32	50.8	2"	50.4-52.0	62.2-64.2	66.5-69.7	250	3625	1000	14500	700	4.950	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



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R12 Wire Spiral Hydraulic Hose



Applicable Specs:

- SAE 100R12 / EN 856 R12
- TS 10548
- ISO 1307
- ISO 3862 R12

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:

4 layers of steel wire spiral



Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

- Ferrule: No-skive Type DPF4T
- Insert: DPX4XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

172-276 Bar / 2494-4002 PSI



Impulse times:

≥ 500,000 Times



Temperature:

- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 311112-10	-06	9.5	3/8"	9.3-10.1	16.6-17.8	19.5-21.0	280	4060	1120	16240	125	0.700	20/40	DPF4T-06
JDE 311112-12	-08	12.7	1/2"	12.3-13.5	19.9-21.5	23.0-24.6	280	4060	1120	16240	180	0.800	20/40	DPF4T-08
JDE 311112-16	-10	16.0	5/8"	15.5-16.7	23.8-25.4	26.6-28.8	280	4060	1120	16240	200	0.975	20/40	DPF4T-10
JDE 311112-19	-12	19.0	3/4"	18.6-19.8	26.9-28.4	29.9-31.5	280	4060	1120	16240	240	1.450	20/40	DPF4T-12
JDE 311112-25	-16	25.4	1"	25.0-26.4	34.1-35.7	36.8-39.2	280	4060	1120	16240	300	2.050	20/40	DPF4T-16
JDE 311112-32	-20	31.8	1-1/4"	31.4-33.0	42.7-45.1	45.4-48.6	210	3045	840	12180	420	3.060	20/40	DPF4T-20
JDE 311112-38	-24	38.1	1-1/2"	37.7-39.3	49.2-51.6	51.9-55.0	175	2538	700	10150	500	3.650	20/40	DPF4T-24
JDE 311112-51	-32	50.8	2"	50.4-52.0	62.5-64.8	65.1-68.3	175	2538	700	10150	630	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



Powered by DME&JDE Group

R13 Wire Spiral Hydraulic Hose



Applicable Specs:

- SAE 100R13
- TS 10548 / PG-G-32010
- ISO 1307
- EN 1804-3 / ISO 13463-1
- ISO 3862 R13

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:

4 layers of high tensile steel wire spiral up to size 1", • 6 layers of spiral from size 1-1/4" to 2"



Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:

- Ferrule: No-skive Type DPFR13
- Insert: DPXR13-XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

350 Bar / 5075 PSI



Impulse times:

≥ 500,000 Times



Temperature:

- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life



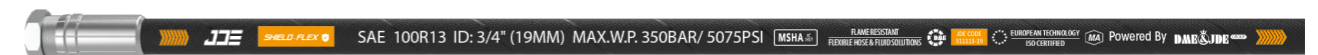
Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 311113-19	-12	19.0	3/4"	18.6-19.8	28.2-29.8	31.0-33.2	350	5075	1400	20300	240	1.450	20/40	DPFR13-12
JDE 311113-25	-16	25.4	1"	25.0-26.4	34.9-36.4	37.6-39.8	350	5075	1400	20300	300	2.050	20/40	DPFR13-16
JDE 311113-32	-20	31.8	1-1/4"	31.4-33.0	45.6-48.0	48.3-51.3	350	5075	1400	20300	420	3.060	20/40	DPFR13-20
JDE 311113-38	-24	38.1	1-1/2"	37.7-39.3	53.1-55.5	55.8-58.8	350	5075	1400	20300	500	3.650	20/40	DPFR13-24
JDE 311113-51	-32	50.8	2"	50.4-52.0	66.9-69.3	69.5-72.7	350	5075	1400	20300	640	4.850	20/40	DPFR13-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



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R15 Wire Spiral Hydraulic Hose



Applicable Specs:

- SAE 100R15
- ISO 1307
- ISO 3862 R15

Applications:



American Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of high tensile steel wire spiral up to size 1",
6 layers of spiral from size 1-1/4" to 2"

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPFR15 •
Insert: DPXR15-XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001 •
& DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
420 Bar / 6090 PSI

Impulse times:
≥ 500,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hydraulic fluids petroleum based (mineral oils),
glycol-water based, water, lubricants

#	Hose Size		I.D.		R.O.D.		O.D.		Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	I.D.	Dash Size	mm	inch	mm	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 311115-10	-06	9.3	3/8"	9.3-10.1	20.3 MAX	23.3 MAX	420	6090	1680	24360	150	0.800	20/40	DPFR15-06		
JDE 311115-12	-08	12.3	1/2"	12.3-13.5	24.0 MAX	26.8 MAX	420	6090	1680	24360	200	0.900	20/40	DPFR15-08		
JDE 311115-19	-12	19.0	3/4"	18.6-19.8	32.9 MAX	36.1 MAX	420	6090	1680	24360	265	1.600	20/40	DPFR15-12		
JDE 311115-25	-16	25.4	1"	25.0-26.4	38.9 MAX	42.9 MAX	420	6090	1680	24360	330	2.250	20/40	DPFR15-16		
JDE 311115-32	-20	31.8	1-1/4"	31.4-33.0	48.4 MAX	51.5 MAX	420	6090	1680	24360	445	3.950	20/40	DPFR15-20		
JDE 311115-38	-24	38.1	1-1/2"	37.7-39.3	56.3 MAX	59.6 MAX	420	6090	1680	24360	530	5.250	20/40	DPFR15-24		
JDE 311115-51	-32	50.8	2"	37.7-39.3	-	-	420	6090	1680	24360	-	6.600	20/40	DPFR15-32		

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** Black



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ISO 3862

«



Application





ISO 11237



Application



1SC

Applicable Specs:

- DIN EN 857 1SC
- ISO 1436:2009
- TS 6387 EN 857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1



2SC

Applicable Specs:

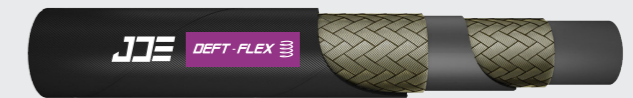
- DIN EN 857 2SC
- ISO 11237-1 2SC
- EN 1804-3
- ISO 1307
- ISO 6805



R16

Applicable Specs:

- SAE 100R16
- ISO 11237-1 R16
- ISO 1307



R17

Applicable Specs:

- SAE 100R17
- ISO 11237-1 R17
- ISO 1307



R19

Applicable Specs:

- SAE 100R19
- ISO 1307



1SC Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 857 1SC ■ ISO 1436:2009 ■ TS 6387 EN 857 1SC
- ISO 1307 ■ ISO 6805 ■ EN 13463-1

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
88–225 Bar / 1276–3262.5 PSI

Impulse times:
≥ 150,000 Times

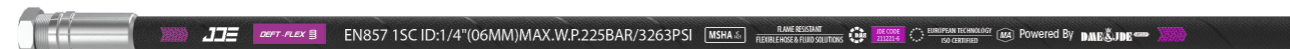
Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
DEF 211121-06	-04	6.4	1/4"	6.1–6.9	9.6–10.8	13.5 MAX.	225	3262.5	900	13050	75	0.190	50/100	DPF2T-04
DEF 211121-08	-05	8.0	5/16"	7.7–8.5	10.9–12.1	14.5 MAX.	215	3117.5	860	12470	85	0.220	50/100	DPF2T-05
DEF 211121-10	-06	9.5	3/8"	9.3–10.1	12.7–14.5	16.9 MAX.	180	2610	720	10440	90	0.250	50/100	DPF2T-06
DEF 211121-12	-08	12.7	1/2"	12.3–13.5	15.9–18.1	20.4 MAX.	160	2320	640	9280	130	0.350	50/100	DPF2T-08
DEF 211121-16	-10	16.0	5/8"	15.5–16.7	19.8–21.0	23.0 MAX.	130	1885	520	7540	150	0.450	50/100	DPF2T-10
DEF 211121-19	-12	19.0	3/4"	18.6–19.8	23.2–24.4	26.7 MAX.	105	1522.5	420	6090	180	0.500	50/100	DPF2T-12
DEF 211121-25	-16	25.4	1"	25.0–26.4	30.7–31.9	34.9 MAX.	88	1276	352	5104	230	0.750	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



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2SC Wire Braided Hydraulic Hose

Applicable Specs:

- DIN EN 857 2SC ■ ISO 11237-1 2SC ■ EN 1804-3 ■ ISO 1307 ■ ISO 6805

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
165–400 Bar / 2392.5–5800 PSI

Impulse times:
≥ 200,000 Times

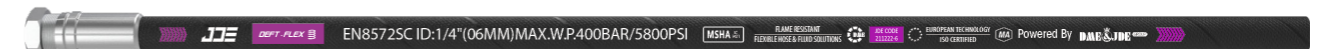
Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
DEF 211122-06	-04	6.4	1/4"	6.1–6.9	10.6–11.7	14.2 MAX.	400	5800	1600	23200	75	0.290	50/100	DPF2T-04
DEF 211122-08	-05	8.0	5/16"	7.7–8.5	12.1–13.3	16.0 MAX.	350	5075	1400	20300	85	0.330	50/100	DPF2T-05
DEF 211122-10	-06	9.5	3/8"	9.3–10.1	14.4–15.6	18.3 MAX.	330	4785	1320	19140	90	0.420	50/100	DPF2T-06
DEF 211122-12	-08	12.7	1/2"	12.3–13.5	17.5–19.1	21.5 MAX.	275	3987.5	1100	15950	130	0.550	50/100	DPF2T-08
DEF 211122-16	-10	16.0	5/8"	15.5–16.7	20.5–22.3	24.7 MAX.	250	3625	1000	14500	150	0.650	50/100	DPF2T-10
DEF 211122-19	-12	19.0	3/4"	18.6–19.8	24.6–26.4	28.6 MAX.	215	3117.5	860	12470	180	0.790	50/100	DPF2T-12
DEF 211122-25	-16	25.4	1"	25.0–26.4	32.5–34.3	36.6 MAX.	165	2392.5	660	9570	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

R16 Wire Braided Hydraulic Hose

Applicable Specs:

- SAE 100R16
- ISO 11237-1 R16
- ISO 1307

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 125-400 Bar / 1812.5-5800 PSI
- Impulse times:** ≥ 200,000 Times
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
DEF 311116-06	-04	6.4	1/4"	6.2-7.0	12.3 MAX.	14.5 MAX.	400	5800	1600	23200	50	0.290	50/100	DPF2T-04
DEF 311116-08	-05	8.0	5/16"	7.7-8.5	13.3 MAX.	15.7 MAX.	350	5075	1400	20300	55	0.330	50/100	DPF2T-05
DEF 311116-10	-06	9.5	3/8"	9.3-10.1	15.9 MAX.	18.8 MAX.	330	4785	1320	19140	65	0.420	50/100	DPF2T-06
DEF 311116-12	-08	12.7	1/2"	12.3-13.5	19.0 MAX.	22.0 MAX.	275	3987.5	1100	15950	90	0.550	50/100	DPF2T-08
DEF 311116-16	-10	16.0	5/8"	15.5-16.7	22.6 MAX.	25.4 MAX.	250	3625	1000	14500	100	0.650	50/100	DPF2T-10
DEF 311116-19	-12	19.0	3/4"	18.6-19.8	26.3 MAX.	29.0 MAX.	215	3117.5	860	12470	120	0.790	50/100	DPF2T-12
DEF 311116-25	-16	25.4	1"	25.0-26.4	34.0 MAX.	36.6 MAX.	165	2392.5	660	9570	150	1.180	50/100	DPF2T-16
DEF 311116-32	-20	31.5	1-1/4"	31.4-33.0	41.9 MAX.	44.3 MAX.	125	1812.5	500	7250	210	1.800	40	DPF2T-20

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

R17 Wire Braided Hydraulic Hose

Applicable Specs:

- SAE 100R17
- ISO 11237-1 R17
- ISO 1307

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

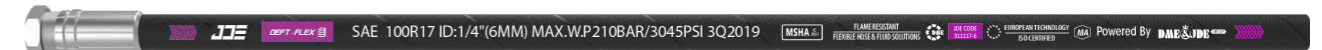
- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of high tensile steel wire braid up to size 1/2", 2 layers of high tensile steel wire braid from size 5/8" onwards.
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX or DP1XXX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 210 Bar / 3045 PSI
- Impulse times:** ≥ 200,000 Times
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
DEF 311117-05	-03	4.8	3/16"	4.6-5.4	10.1 MAX.	11.6 MAX.	210	3045	840	12180	45	0.190	50/100	DPF2T-03
DEF 311117-06	-04	6.4	1/4"	6.2-7.0	11.0 MAX.	13.2 MAX.	210	3045	840	12180	50	0.220	50/100	DPF2T-04
DEF 311117-08	-05	8.0	5/16"	7.7-8.5	13.0 MAX.	15.0 MAX.	210	3045	840	12180	55	0.260	50/100	DPF2T-05
DEF 311117-10	-06	9.5	3/8"	9.3-10.1	15.0 MAX.	17.0 MAX.	210	3045	840	12180	65	0.320	50/100	DPF2T-06
DEF 311117-12	-08	12.7	1/2"	12.3-13.5	18.8 MAX.	21.1 MAX.	210	3045	840	12180	90	0.440	50/100	DPF2T-08
DEF 311117-16	-10	16.0	5/8"	15.5-16.7	23.6 MAX.	25.9 MAX.	210	3045	840	12180	100	0.640	50/100	DPF2T-10
DEF 311117-19	-12	19.0	3/4"	18.6-19.8	27.7 MAX.	30.3 MAX.	210	3045	840	12180	120	0.900	50/100	DPF2T-12
DEF 311117-25	-16	25.4	1"	25.0-26.4	35.6 MAX.	38.6 MAX.	210	3045	840	12180	150	1.250	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

R19 Wire Braided Hydraulic Hose

Applicable Specs:
▪ SAE 100R19

Applications:



German Technology Equipment

Product Series:

Ultra Soft & Flexible

Super Impulse & Pressure

Internal hose:

Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:

2 layers of steel wire braid

Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:

280 Bar / 28 MPa / 4060 PSI

Impulse times:

≥ 200,000 Times

Temperature:

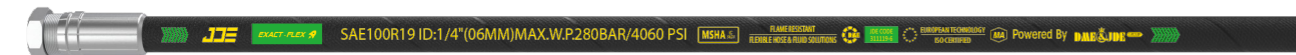
- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life*

Media:

Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule			
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EXA 311119-06	-04	6.4	1/4"	6.1-6.9	12.4 Max	14.4 Max	280	4060	1120	16240	100	0.290	50/100	DPF2T-04
EXA 311119-08	-05	8.0	5/16"	7.7-8.5	14.2 Max	16.3 Max	280	4060	1120	16240	115	0.330	50/100	DPF2T-05
EXA 311119-10	-06	9.5	3/8"	9.3-10.1	16.0 Max	18.0 Max	280	4060	1120	16240	125	0.420	50/100	DPF2T-06
EXA 311119-12	-08	12.7	1/2"	12.3-13.5	20.4 Max	22.6 Max	280	4060	1120	16240	180	0.550	50/100	DPF2T-08
EXA 311119-16	-10	16.0	5/8"	15.5-16.7	25.9 Max	27.5 Max	280	4060	1120	16240	205	0.650	50/100	DPF2T-10
EXA 311119-19	-12	19.0	3/4"	18.6-19.8	29.7 Max	32.5 Max	280	4060	1120	16240	240	0.790	50/100	DPF2T-12
EXA 311119-25	-16	25.4	1"	25.0-26.4	39.4 Max	39.4 Max	280	4060	1120	16240	300	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black

Certificate:

Powered by DME&JDE Group

ISO 11237

«



Application





SAE J188



Application



High Pressure Power Steering Hose



Applicable Specs:

- SAE J188 JAN98- TYPE 2
- ASTM D380
- ASTM D413



High Pressure Power Steering Hose

Applicable Specs:

- SAE J188 JAN98- TYPE 2
- ASTM D380
- ASTM D413

Applications:



Italy Technology Equipment

Product Series:



New-Standard

- Internal hose:** Oil resistance synthetic rubber (CSM)
- Reinforcement:** 1 layer of high tensile braid of fibers
- Covering:** Synthetic rubber with excellent aging resistance and weather ability (CPE/CSM)
- Fittings:** Ferrule: DPF01SN • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 110 Bar / 1620 PSI
- Temperature:** • -40 °C to +125 °C (MAX.: 135 °C)
- Media:** Power steering oil (automatic fluid)

#													
Part Number	Hose Size			I.D.	O.D.	Operating Pressure		Burst Pressure	Weight	Length Per PCS	Ferrule		
	I.D.	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	kgs/m	meter	DAE Code
JDE 821106-10 A	-06	9.5	3/8"	9.5	18.5	110	1620	440	6480	0.14	45-55	DPF01SN	
JDE 821106-10 B	-06	9.5	3/8"	9.5	20	110	1620	440	6480	0.16	45-55	DPF01SN	

Marking / Layline (Printing, Ink)



- Cover Type:** Smooth
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** • Black





SAE J1401



Application



Hydraulic Brake Hose



Applicable Specs:

- SAE J1401 JUN93
- SAE J1703/ISO 4929
- SAE J1705
- ASTM 8117
- ISO 4926
- SAE J147/ASTM E4
- ISO 3996



Hydraulic Brake Hose

Applicable Specs:

- SAE J1401 JUN93
- SAE J1703/ISO 4929
- SAE J1705
- ASTM 8117
- ISO 4926
- SAE J147/ASTM E4
- ISO 3996

Applications:



Italy Technology Equipment

Product Series:



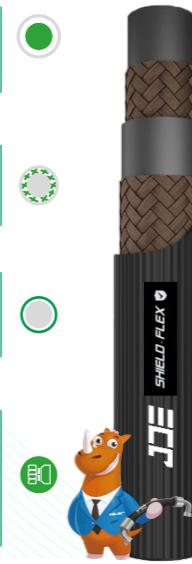
New-Standard

Internal hose:
EPDM with synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
High tensile PE/PVA for the first, high tensile PVA for the second Layer

Covering:
EPDM with synthetic rubber, extruded whole without joints, of uniform thickness

Fittings:
Ferrule: No-skive Type DPF1SN •
Insert: DPX1XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
276 Bar / 4002 PSI

Temperature:
• -40 °C to +120 °C

Media:
Hydraulic brake hose acts as a pressure transmission for automotive hydraulic brake system. Used for cars, motorcycles, light trucks and other light heavy-duty vehicles for hydraulic brake system.

#	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon
Part Number	Hose Size			I.D.	O.D.	Operating Pressure		Burst Pressure		Swelling Capacity	Tensile Strength	Ferrule
I.D.	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	ml/m	N	DME Code
JDE 811302-03	-02	3.2	1/8"	3.2	10.5	276	4002	490	7105	0.43-0.89	2500	DPF1SN-02
JDE 811302-05	-03	4.8	3/16"	4.8	12.5	276	4002	345	5003	0.43-0.89	2500	DPF1SN-03

Marking / Layline (Printing, Ink)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black





SAE J 2064



Application



Type C 5 Layer Braiding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664



Type C 7 Layer Winding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664



Type E 4 Layer Braiding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664



Type E 6 Layer Winding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664



A/C Hose Type C 5 Layer Braiding

Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Tube: EPDM/CSM/IIR



Barrier: PA/NYLON



Friction: EPDM/CSM/IIR



Reinforcement: Braided PET/PVA



Cover: EPDM



Fittings: DPFR134a-XX (X: Can choose)



Working Pressure: 35 Bar / 500 PSI



Temperature: -40 °C to +135 °C



Media: refrigerant
• R134a
• R404a
• R1234yf

#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure		Bend Radius	Permeability	Ferrule
	Dash Size	Spec					bar	psi	bar	psi			
JDE 321404-08 TC	5/16"	8.2 × 19.0	8.2±0.2	19.0±0.3	5.5	0.4	35	500	210	3000	55.0	1.9	DPFR134a-05
JDE 321404-10 C	13/32"	10.5 × 23.0	10.5±0.2	23.0±0.3	6.2	0.4	35	500	210	3000	65.0	1.9	DPFR134a-06
JDE 321404-13 AC	1/2" A	13.0 × 25.4	13.0±0.2	25.4±0.3	6.2	0.4	35	500	220	3200	75.0	1.9	DPFR134a-08
JDE 321404-13 BC	1/2" B	13.0 × 23.0	13.0±0.2	23.0±0.3	5.0	0.4	35	500	220	3200	70.0	1.9	DPFR134a-08
JDE 321404-16 C	5/8"	16.0 × 28.6	16.0±0.2	28.6±0.3	6.1	0.4	15	200	180	2600	85.0	1.9	DPFR134a-10
JDE 321404-08 C	φ8.0	8.2 × 15.2	8.2±0.2	15.2±0.3	3.5	0.4	35	500	280	3300	55.0	1.9	DPFR134a-05
JDE 321404-11 C	φ11.2	11.4 × 18.4	11.4±0.2	18.4±0.3	3.5	0.4	35	500	220	3200	70.0	1.9	DPFR134a-06
JDE 321404-13 C	φ13.0	13.0 × 21.0	13.0±0.2	21.0±0.3	4.0	0.4	35	500	200	2900	75.0	1.9	DPFR134a-08
JDE 321404-15 C	φ15.2	15.2 × 23.0	15.2±0.2	23.0±0.3	3.9	0.4	35	500	180	2600	85.0	1.9	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Smooth, Wrapped

Packing Type: Roll, Pallet

Outward Appearance: Black



A/C Hose Type C 7 Layer Winding

Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Tube: EPDM/CSM/IIR



Barrier: PA/NYLON



Friction: EPDM/CSM/IIR



Reinforcement: Winding PET/PVA



Cover: EPDM



Fittings: DPFR134a-XX (X: Can choose)



Working Pressure: 35 Bar / 500 PSI



Temperature: -40 °C to +135 °C



Media: refrigerant
• R134a
• R404a
• R1234yf

#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure		Bend Radius	Permeability	Ferrule
	Dash Size	Spec					bar	psi	bar	psi			
JDE 321413-08 C	5/16"	8.2 × 19.0	8.2±0.2	19.0±0.3	5.5	0.4	35	500	210	3000	55.0	1.9	DPFR134a-05
JDE 321413-10 C	13/32"	10.5 × 23.0	10.5±0.2	23.0±0.3	6.2	0.4	35	500	210	3000	65.0	1.9	DPFR134a-06
JDE 321413-13 AC	1/2" A	13.0 × 25.4	13.0±0.2	25.4±0.3	6.2	0.4	35	500	220	3200	75.0	1.9	DPFR134a-08
JDE 321413-13 BC	1/2" B	13.0 × 23.0	13.0±0.2	23.0±0.3	5.0	0.4	35	500	220	3200	70.0	1.9	DPFR134a-08
JDE 321413-16 C	5/8"	16.0 × 28.6	16.0±0.2	28.6±0.3	6.1	0.4	15	200	180	2600	85.0	1.9	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Smooth, Wrapped

Packing Type: Roll, Pallet

Outward Appearance: Black



A/C Hose Type E 4 Layer Braiding

Applicable Specs:

SAE J2064 SAE J3062 QC/T664

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Barrier:
PA/NYLON



Friction:
EPDM/CSM/IIR



Reinforcement:
Braided PET/PVA



Cover:
EPDM



Fittings:

DPFR134a-XX (X: Can choose)



Working Pressure:

35 Bar / 500 PSI



Temperature:

-40 °C to +135 °C



Media:

refrigerant
• R134a
• R404a
• R1234yf

#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure	Bend Radius	Permeability	Ferrule	
	Dash Size	Spec					bar	psi					bar
JDE 321404-08 E	φ8.0	8.2 × 15.2	8.2±0.2	15.2±0.3	3.5	0.4	35	500	280	3300	55.0	1.9	DPFR134a-05
JDE 321404-11 E	φ11.2	11.4 × 18.4	11.4±0.2	18.4±0.3	3.5	0.4	35	500	220	3200	70.0	1.9	DPFR134a-06
JDE 321404-13 E	φ13.0	13.0 × 21.0	13.0±0.2	21.0±0.3	4.0	0.4	35	500	200	2900	75.0	1.9	DPFR134a-08
JDE 321404-15 E	φ15.2	15.2 × 23.0	15.2±0.2	23.0±0.3	3.9	0.4	35	500	180	2600	85.0	1.9	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Smooth, Wrapped



Packing Type:
Roll, Pallet



Outward Appearance:
● Black



A/C Hose Type E 6 Layer Winding

Applicable Specs:

SAE J2064 SAE J3062 QC/T664

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Barrier:
PA/NYLON



Friction:
EPDM/CSM/IIR



Reinforcement:
Braided PET/PVA



Cover:
EPDM



Fittings:

DPFR134a-XX (X: Can choose)



Working Pressure:

15–35 Bar / 200–500 PSI



Temperature:

-40 °C to +135 °C



Media:

refrigerant
• R134a
• R404a
• R1234yf

#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure	Bend Radius	Permeability	Ferrule	
	Dash Size	Spec					bar	psi					bar
JDE 321413-08 E	5/16"	8.2 × 19.0	8.2±0.2	19.0±0.3	5.5	0.4	35	500	210	3000	55.0	1.6	DPFR134a-05
JDE 321413-10 E	13/32"	10.5 × 23.0	10.5±0.2	23.0±0.3	6.2	0.4	35	500	210	3000	65.0	1.6	DPFR134a-06
JDE 321413-13 E	1/2" A	13.0 × 25.4	13.0±0.2	25.4±0.3	6.2	0.4	35	500	220	3200	70.0	1.6	DPFR134a-08
JDE 321413-13 E	1/2" B	13.0 × 23.0	13.0±0.2	23.0±0.3	5.0	0.4	35	500	220	3200	70.0	1.6	DPFR134a-08
JDE 321413-16 E	5/8"	16.0 × 28.6	16.0±0.2	28.6±0.3	6.1	0.4	15	200	180	2600	85.0	1.6	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Smooth, Wrapped



Packing Type:
Roll, Pallet



Outward Appearance:
● Black





SUPER PRESSURE



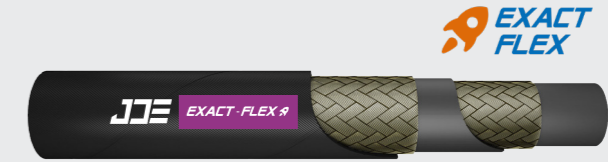
Application



Jack Hose

Applicable Specs:

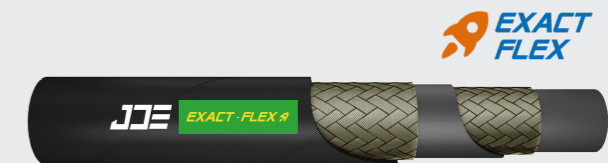
- JACK HOSE 70 MPa



SAE R19

Applicable Specs:

- SAE 100R19



1SNK

Applicable Specs:

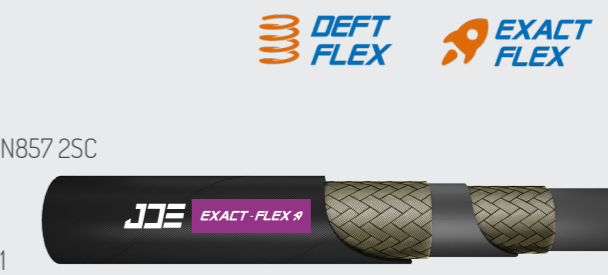
- ISO 18752 1BC/ICC
- DIN EN 857 1SC+-Exceeds EN857 1SC
- DIN EN 853 1SNK-Exceeds EN853 1SN
- ISO 1436:2009
- TS 6387 EN857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1



2SNK

Applicable Specs:

- ISO 18752 2BC/2CC
- DIN EN 857 2SC+-Exceeds EN857 2SC
- DIN EN 853 2SNK-Exceeds EN853 2SN
- ISO 1436:2009
- TS 6387 EN857 2SC
- ISO 1307
- ISO 6805
- EN 13463-1



1SC+

Applicable Specs:

- DIN EN857 1SC+-Exceeds EN 857 1SC
- DIN EN853 2SNK-Exceeds EN 853 2SN
- ISO 1436:2009
- TS 6387 EN857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1



2SC+

Applicable Specs:

- DIN EN857 1SC+-Exceeds EN 857 1SC
- DIN EN853 2SNK-Exceeds EN 853 2SN
- ISO 1436:2009
- TS 6387 EN857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1



JACK Hose Wire Braided Fluid Hose

Applicable Specs:
■ JACK HOSE 70 MPa

Applications:



German Technology Equipment

Product Series:

Super Impulse & Pressure

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 700 Bar / 70 Mpa / 10150 PSI
- Impulse times:** ≥ 200,000 Times
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Hydraulic jacking system with petroleum and water based fluids. 10000 PSI static pressure only

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EXA 811102-06	-04	6.4	1/4"	6.2-7.0	12.8	700	10150	1400	20300	100	0.372	50/100	DPF2T-04
EXA 811102-10	-06	9.5	3/8"	9.3-10.1	16.7	700	10150	1400	20300	130	0.560	50/100	DPF2T-06

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped, Smooth
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

SAE R19 Wire Braided Fluid Hose

Applicable Specs:
■ SAE 100R19

Applications:



German Technology Equipment

Product Series:

Super Impulse & Pressure

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 280 Bar / 28 Mpa / 4060 PSI
- Impulse times:** ≥ 200,000 Times
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
EXA 311119-06	-04	6.4	1/4"	6.2-7.0	12.4 Max	14.4 Max	280	4060	1120	16240	100	0.290	50/100	DPF2T-04
EXA 311119-08	-05	8.0	5/16"	7.7-8.5	14.2 Max	16.3 Max	280	4060	1120	16240	115	0.330	50/100	DPF2T-05
EXA 311119-10	-06	9.5	3/8"	9.3-10.1	16.0 Max	18.0 Max	280	4060	1120	16240	125	0.420	50/100	DPF2T-06
EXA 311119-12	-08	12.7	1/2"	12.3-13.5	20.4 Max	22.6 Max	280	4060	1120	16240	180	0.550	50/100	DPF2T-08
EXA 311119-16	-10	16.0	5/8"	15.5-16.7	25.9 Max	27.5 Max	280	4060	1120	16240	205	0.650	50/100	DPF2T-10
EXA 311119-19	-12	19.0	3/4"	18.6-19.8	29.7 Max	32.5 Max	280	4060	1120	16240	240	0.790	50/100	DPF2T-12
EXA 311119-25	-16	25.4	1"	25.0-26.4	39.4 Max	39.4 Max	280	4060	1120	16240	300	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

1SNK Wire Braided Fluid Hose

Applicable Specs:

- ISO 18752 1BC/1CC
- DIN EN 857 1SC+-Exceeds EN857 1SC
- DIN EN 853 1SNK-Exceeds EN853 1SN
- ISO 1436:2009
- TS 6387 EN857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:

Ultra Soft & Flexible

Super Impulse & Pressure

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 110–290 Bar / 1595–4205 PSI
- Impulse times:** ≥ 300,000 Times
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life*
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EXA 211121-06	-04	6.4	1/4"	6.1-6.9	9.4-10.0	11.4-12.0	290	4205	1160	16820	75	0.190	50/100	DPF2T-04
EXA 211121-08	-05	8.0	5/16"	7.7-8.5	11.1-11.7	13.1-13.7	250	3625	1000	14500	85	0.220	50/100	DPF2T-05
EXA 211121-10	-06	9.5	3/8"	9.3-10.1	13.2-13.8	15.2-15.8	230	3335	920	13340	90	0.250	50/100	DPF2T-06
EXA 211121-12	-08	12.7	1/2"	12.3-13.5	16.6-17.2	18.6-19.2	200	2900	800	11600	130	0.350	50/100	DPF2T-08
EXA 211121-16	-10	16.0	5/8"	15.5-16.7	20.1-20.7	22.0-22.8	150	2175	600	8700	150	0.450	50/100	DPF2T-10
EXA 211121-19	-12	19.0	3/4"	18.6-19.8	23.5-24.3	25.5-26.3	125	1812.5	500	7250	180	0.500	50/100	DPF2T-12
EXA 211121-25	-16	25.4	1"	25.0-26.4	31.2-32.0	33.6-34.4	110	1595	440	6380	230	0.750	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

2SNK Wire Braided Fluid Hose

Applicable Specs:

- ISO 18752 2BC/2CC
- DIN EN 857 2SC+-Exceeds EN857 2SC
- DIN EN 853 2SNK-Exceeds EN853 2SN
- ISO 1436:2009
- TS 6387 EN857 2SC
- ISO 1307
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:

Ultra Soft & Flexible

Super Impulse & Pressure

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 200–450 Bar / 2900–6525 PSI
- Impulse times:** ≥ 400,000 Times
- Temperature:**
 - 40 °C to +100 °C (intermittent 120 °C)
 - 40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life*
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EXA 211122-06	-04	6.4	1/4"	6.1-6.9	11.1-11.7	12.8-13.4	450	6525	1800	26100	75	0.290	50/100	DPF2T-04
EXA 211122-08	-05	8.0	5/16"	7.7-8.5	12.7-13.3	14.7-15.3	420	6090	1680	24360	85	0.330	50/100	DPF2T-05
EXA 211122-10	-06	9.5	3/8"	9.3-10.1	14.7-15.3	16.7-17.3	385	5582.5	1540	22330	90	0.420	50/100	DPF2T-06
EXA 211122-12	-08	12.7	1/2"	12.3-13.5	18.4-19.0	20.4-21.0	345	5002.5	1380	20010	130	0.550	50/100	DPF2T-08
EXA 211122-16	-10	16.0	5/8"	15.5-16.7	21.7-22.3	23.6-24.4	290	4205	1160	16820	150	0.650	50/100	DPF2T-10
EXA 211122-19	-12	19.0	3/4"	18.6-19.8	25.3-26.1	27.3-28.1	280	4060	1120	16240	180	0.790	50/100	DPF2T-12
EXA 211122-25	-16	25.4	1"	25.0-26.4	32.8-33.6	35.2-36.0	200	2900	800	11600	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



Powered by DME&JDE Group

1SC+ Wire Braided Fluid Hose

Applicable Specs:

- DIN EN857 1SC+-Exceeds EN 857 1SC
- ISO 1436:2009
- TS 6387 EN857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:

Ultra Soft & Flexible

Super Impulse & Pressure

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:** Ferrule: No-skive Type DPF2T • Insert: DPX1XX (X: Can choose) • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 110–209 Bar / 1595–4205 PSI
- Impulse times:** ≥ 300,000 Times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
	Dash Size	mm				inch	bar						psi	bar
EXA 211161-06	-04	6.4	1/4"	6.1-6.9	10.3	12.1	290	4205	1160	16820	75	0.190	50/100	DPF2T-04
EXA 211161-08	-05	8.0	5/16"	7.7-8.5	11.7	13.7	250	3625	1000	14500	85	0.220	50/100	DPF2T-05
EXA 211161-10	-06	9.5	3/8"	9.3-10.1	13.6	15.9	230	3335	920	13340	90	0.250	50/100	DPF2T-06
EXA 211161-12	-08	12.7	1/2"	12.3-13.5	16.9	19.2	200	2900	800	11600	130	0.350	50/100	DPF2T-08
EXA 211161-16	-10	16.0	5/8"	15.5-16.7	20.3	22.3	150	2175	600	8700	150	0.450	50/100	DPF2T-10
EXA 211161-19	-12	19.0	3/4"	18.6-19.8	23.9	26.1	125	1812.5	500	7250	180	0.500	50/100	DPF2T-12
EXA 211161-25	-16	25.4	1"	25.0-26.4	31.0	3.2	110	1595	440	6380	230	0.750	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black



2SC+ Wire Braided Fluid Hose

Applicable Specs:

- DIN EN857 2SC+-Exceeds EN 857 2SC
- DIN EN853 2SNK-Exceeds EN 853 2SN
- ISO 1436:2009
- TS 6387 EN857 2SC
- ISO 1307
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:

Ultra Soft & Flexible

Super Impulse & Pressure

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:** Ferrule: No-skive Type DPF2T • Insert: DPX2XX (X: Can choose) • Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 200–450 Bar / 2900–6525 PSI
- Impulse times:** ≥ 400,000 Times
- Temperature:**
 - -40 °C to +100 °C (intermittent 120 °C)
 - -40 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
	Dash Size	mm				inch	mm						mm	mm
EXA 211162-06	-04	6.4	1/4"	6.1-6.9	11.4	13.4	450	6525	1800	26100	75	0.290	50/100	DPF2T-04
EXA 211162-08	-05	8.0	5/16"	7.7-8.5	13.0	15.0	420	6090	1680	24360	85	0.330	50/100	DPF2T-05
EXA 211162-10	-06	9.5	3/8"	9.3-10.1	14.9	17.0	385	5582.5	1540	22330	90	0.420	50/100	DPF2T-06
EXA 211162-12	-08	12.7	1/2"	12.3-13.5	18.7	20.7	345	5002.5	1380	20010	130	0.550	50/100	DPF2T-08
EXA 211162-16	-10	16.0	5/8"	15.5-16.7	21.9	23.6	290	4205	1160	16820	150	0.650	50/100	DPF2T-10
EXA 211162-19	-12	19.0	3/4"	18.6-19.8	25.7	27.7	280	4060	1120	16240	180	0.790	50/100	DPF2T-12
EXA 211162-25	-16	25.4	1"	25.0-26.4	32.9	35.6	200	2900	800	11600	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black





SUPER IMPULSE



Application



Super 4SP+



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP
- TS 10548
- ISO 1307
- ISO 8030 / EN 1804 / EN 13463-1
- ISO 4413
- ISO 3862 4SP



Super 4SH+



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SH
- TS 10548
- ISO 1307
- ISO 8030 / EN 1804-3 / ISO 6805 ISO 4413
- ISO 3862 4SH



Super R12+



Applicable Specs:

- SAE 100R12 / EN 856 R12
- TS 10548
- ISO 1307
- ISO 3862 R12



Super R13+



Applicable Specs:

- SAE 100R13
- TS 10548 / PG-G-32010
- ISO 1307
- EN 1804-3 / ISO 13463-1
- ISO 3862 R13



Super R15+



Applicable Specs:

- SAE 100R15
- ISO 1307
- ISO 3862 R15



Super 4SP+ Wire Spiral Fluid Hose



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP ■ TS 10548 ■ ISO 1307 ■ ISO 8030 / EN 1804 / EN 13463-1
- ISO 4413 ■ ISO 3862 4SP

Applications:



American Technology Equipment

Product Series:



Super Impulse & Pressure

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of steel wire spiral

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF4T •
Insert: DPX4XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
165–445 Bar / 2392.5-6452.5 PSI

Impulse times:
≥ 1,000,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 125 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
EXA 211104-10	-06	9.5	3/8"	9.3-10.1	16.9-18.1	20.6-22.2	445	6452.5	1780	25810	180	0.700	20/40	DPF4T-06
EXA 211104-12	-08	12.7	1/2"	12.3-13.5	19.4-21.0	23.8-25.4	415	6017.5	1660	24070	230	0.800	20/40	DPF4T-08
EXA 211104-16	-10	16.0	5/8"	15.5-16.7	23.0-24.6	27.4-29.0	350	5075	1400	20300	250	0.975	20/40	DPF4T-10
EXA 211104-19	-12	19.0	3/4"	18.6-19.8	27.4-29.0	31.4-33.0	350	5075	1400	20300	300	1.450	20/40	DPF4T-12
EXA 211104-25	-16	25.4	1"	25.0-26.4	34.5-36.1	38.5-40.9	280	4060	1120	16240	340	2.050	20/40	DPF4T-16
EXA 211104-32	-20	31.8	1-1/4"	31.4-33.0	45.0-47.0	49.2-52.4	210	3045	840	12180	460	3.060	20/40	DPF4T-20
EXA 211104-38	-24	38.1	1-1/2"	37.7-39.3	51.4-53.4	55.6-58.8	185	2682.5	740	10730	560	3.650	20/40	DPF4T-24
EXA 211104-51	-32	50.8	2"	50.4-52.0	64.3-66.3	68.2-71.4	165	2392.5	660	9570	660	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



Powered by DME&JDE Group

Super 4SH+ Wire Spiral Fluid Hose



Applicable Specs:

- DIN 20023 PART 2 TYPE 4SH ■ TS 10548 / PG-G-32010 ■ ISO 1307
- ISO 8030 / EN 1804-3 / ISO 6805 ISO 4413 ■ ISO 3862 4SH

Applications:



American Technology Equipment

Product Series:



Super Impulse & Pressure

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of steel wire spiral

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF4T •
Insert: DPX4XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
250-420 Bar/3625-6090 PSI

Impulse times:
≥ 1,000,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 125 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
EXA 211114-19	-12	19.0	3/4"	18.6-19.8	27.6-29.2	31.4-33.0	420	6090	1680	24360	280	1.600	20/40	DPF4T-12
EXA 211114-25	-16	25.4	1"	25.0-26.4	34.4-36.0	37.5-39.9	380	5510	1520	22040	340	2.200	20/40	DPF4T-16
EXA 211114-32	-20	31.8	1-1/4"	31.4-33.0	40.9-42.9	43.9-47.1	325	4712.5	1300	18850	460	2.750	20/40	DPF4T-20
EXA 211114-38	-24	38.1	1-1/2"	37.7-39.3	47.8-49.8	51.9-55.1	290	4205	1160	16820	560	3.750	20/40	DPF4T-24
EXA 211114-51	-32	50.8	2"	50.4-52.0	62.2-64.2	66.5-69.7	250	3625	1000	14500	700	4.950	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



Powered by DME&JDE Group

Super R12+ Wire Spiral Fluid Hose



Applicable Specs:

- SAE 100R12 / EN 856 R12
- TS 10548
- ISO 1307
- ISO 3862 R12

Applications:



American Technology Equipment

Product Series:



Super Impulse & Pressure

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of steel wire spiral

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF4T
Insert: DPX4XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
172-276 Bar / 2494-4002 PSI

Impulse times:
≥ 1,000,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 125 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
EXA 311112-10	-06	9.5	3/8"	9.3-10.1	16.6-17.8	19.5-21.0	280	4060	1120	16240	125	0.700	20/40	DPF4T-06
EXA 311112-12	-08	12.7	1/2"	12.3-13.5	19.9-21.5	23.0-24.6	280	4060	1120	16240	180	0.800	20/40	DPF4T-08
EXA 311112-16	-10	16.0	5/8"	15.5-16.7	23.8-25.4	26.6-28.8	280	4060	1120	16240	200	0.975	20/40	DPF4T-10
EXA 311112-19	-12	19.0	3/4"	18.6-19.8	26.9-28.4	29.9-31.5	280	4060	1120	16240	240	1.450	20/40	DPF4T-12
EXA 311112-25	-16	25.4	1"	25.0-26.4	34.1-35.7	36.8-39.2	280	4060	1120	16240	300	2.050	20/40	DPF4T-16
EXA 311112-32	-20	31.8	1-1/4"	31.4-33.0	42.7-45.1	45.4-48.6	210	3045	840	12180	420	3.060	20/40	DPF4T-20
EXA 311112-38	-24	38.1	1-1/2"	37.7-39.3	49.2-51.6	51.9-55.0	175	2538	700	10150	500	3.650	20/40	DPF4T-24
EXA 311112-51	-32	50.8	2"	50.4-52.0	62.5-64.8	65.1-68.3	175	2538	700	10150	630	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



Powered by DME&JDE Group

Super R13+ Wire Spiral Fluid Hose



Applicable Specs:

- SAE 100R13
- TS 10548 / PG-G-32010
- ISO 1307
- EN 1804-3 / ISO 13463-1
- ISO 3862 R13

Applications:



American Technology Equipment

Product Series:



Super Impulse & Pressure

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of high tensile steel wire spiral up to size 1", 6 layers of spiral from size 1-1/4" to 2"

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF4T
Insert: DPX4XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
350 Bar / 5075 PSI

Impulse times:
≥ 1,000,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 125 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
EXA 311113-19	-12	19.0	3/4"	18.6-19.8	28.2-29.8	31.0-33.2	350	5075	1400	20300	240	1.450	20/40	DPFR13-12
EXA 311113-25	-16	25.4	1"	25.0-26.4	34.9-36.4	37.6-39.8	350	5075	1400	20300	300	2.050	20/40	DPFR13-16
EXA 311113-32	-20	31.8	1-1/4"	31.4-33.0	45.6-48.0	48.3-51.3	350	5075	1400	20300	420	3.950	20/40	DPFR13-20
EXA 311113-38	-24	38.1	1-1/2"	37.7-39.3	53.1-55.5	55.8-58.8	350	5075	1400	20300	500	5.250	20/40	DPFR13-24
EXA 311113-51	-32	50.8	2"	50.4-52.0	66.9-69.3	69.5-72.7	350	5075	1400	20300	640	6.600	20/40	DPFR13-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



Powered by DME&JDE Group

Super R15+ Wire Spiral Fluid Hose



Applicable Specs:

- SAE 100R15
- ISO 1307
- ISO 3862 R15

Applications:



American Technology Equipment

Product Series:



Super Impulse & Pressure

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
4 layers of high tensile steel wire spiral up to size 1",
6 layers of spiral from size 1-1/4" to 2"

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF4T •
Insert: DPX4XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001 •
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
420 Bar / 6090PSI

Impulse times:
≥ 1,000,000 Times

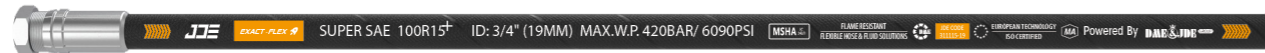
Temperature:

- 40 °C to +120 °C (intermittent 125 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life*

Media:
Hydraulic fluids petroleum based (mineral oils),
glicol-water based, water, lubricants

#	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	Icon	
Part Number	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
I.D.	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EXA 311115-10	-06	9.3	3/8"	9.3-10.1	20.3 MAX	23.3 MAX	420	6090	1680	24360	150	0.800	20/40	DPFR15-06
EXA 311115-12	-08	12.3	1/2"	12.3-13.5	24.0 MAX	26.8 MAX	420	6090	1680	24360	200	0.900	20/40	DPFR15-08
EXA 311115-19	-12	19.0	3/4"	18.6-19.8	32.9 MAX	36.1 MAX	420	6090	1680	24360	265	1.600	20/40	DPFR15-12
EXA 311115-25	-16	25.4	1"	25.0-26.4	38.9 MAX	42.9 MAX	420	6090	1680	24360	330	2.250	20/40	DPFR15-16
EXA 311115-32	-20	31.8	1-1/4"	31.4-33.0	48.4 MAX	51.5 MAX	420	6090	1680	24360	445	3.950	20/40	DPFR15-20
EXA 311115-38	-24	38.1	1-1/2"	37.7-39.3	56.3 MAX	59.6 MAX	420	6090	1680	24360	530	5.250	20/40	DPFR15-24
EXA 311115-51	-32	50.8	2"	37.7-39.3	-	-	420	6090	1680	24360	-	-	20/40	DPFR15-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



Powered by DME&JDE Group

SUPER IMPULSE



Application





SMOOTH COVER



Application



1SC Smooth

Applicable Specs:

- DIN EN 857 1SC
- ISO 1307
- ISO 1436:2009
- ISO 6805
- TS 6387 EN 857 1SC
- EN 13463-1



2SC Smooth

Applicable Specs:

- DIN EN 857 2SC
- ISO 1307
- ISO 11237-1 2SC
- ISO 6805
- EN 1804-3



1SN/R1AT Smooth

Applicable Specs:

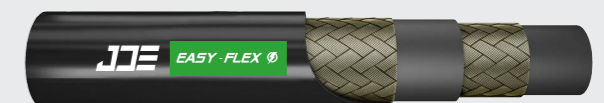
- DIN EN853 1SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805
- EN 13463
- PN-G 32010



2SN/R2AT Smooth

Applicable Specs:

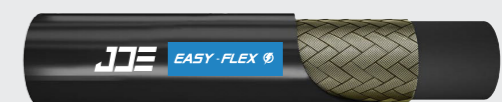
- DIN EN853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805
- EN 13463
- PN-G 32010



1ST/R1A Smooth

Applicable Specs:

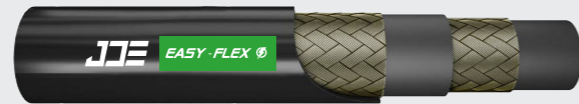
- DIN EN 853 1ST
- EXCEEDS SAE 100RIA
- ISO 1436:2009
- TS 6387 EN 853 1ST
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1



2ST/R2A Smooth

Applicable Specs:

- DIN EN 853 2ST
- EXCEEDS SAE 100R1A
- ISO 1436:2009
- TS 6387 EN 853 2ST
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1



R3 Smooth

Applicable Specs:

- SAE 100R3
- ISO 4079
- ISO 1307



R3 Red Smooth

Applicable Specs:

- SAE 100R3
- ISO 4079
- ISO 1307



R16 Smooth

Applicable Specs:

- SAE 100R16
- ISO 11237-1 R16
- ISO 1307



R17 Smooth

Applicable Specs:

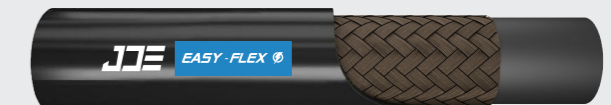
- SAE 100R17
- ISO 11237-1 R17
- ISO 1307



1TE Smooth

Applicable Specs:

- DIN EN 853 1TE
- SAE 100R6
- DIN 20021 1TE
- TS 6388 EN 854 TIP 1TE
- ISO 4079-1TE
- ISO 1307



2TE Smooth

Applicable Specs:

- DIN EN 853 2TE
- SAE 100R6
- DIN 20021 2TE
- TS 6388 EN 854 TIP 2TE
- ISO 4079-2TE
- ISO 1307



Pilot Hose

Applicable Specs:

- PILOT 12.5 MPa / 125 Bar



Smooth Cover 1SC Wire Braided Fluid Hose

Applicable Specs:

- DIN EN 857 1SC ■ ISO 1436:2009 ■ TS 6387 EN 857 1SC ■ ISO 1307
- ISO 6805 ■ EN 13463-1

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
88–225 Bar / 1276–3262.5 PSI

Impulse times:
≥ 150,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
DEF 221121-06	-04	6.4	1/4"	6.1-6.9	9.6-10.8	13.5 MAX.	225	3262.5	900	13050	75	0.190	50/100	DPF2T-04
DEF 221121-08	-05	8.0	5/16"	7.7-8.5	10.9-12.1	14.5 MAX.	215	3117.5	860	12470	85	0.220	50/100	DPF2T-05
DEF 221121-10	-06	9.5	3/8"	9.3-10.1	12.7-14.5	16.9 MAX.	180	2610	720	10440	90	0.250	50/100	DPF2T-06
DEF 221121-12	-08	12.7	1/2"	12.3-13.5	15.9-18.1	20.4 MAX.	160	2320	640	9280	130	0.350	50/100	DPF2T-08
DEF 221121-16	-10	16.0	5/8"	15.5-16.7	19.8-21.0	23.0 MAX.	130	1885	520	7540	150	0.450	50/100	DPF2T-10
DEF 221121-19	-12	19.0	3/4"	18.6-19.8	23.2-24.4	26.7 MAX.	105	1522.5	420	6090	180	0.500	50/100	DPF2T-12
DEF 221121-25	-16	25.4	1"	25.0-26.4	30.7-31.9	34.9 MAX.	88	1276	352	5104	230	0.750	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



- Cover Type: Smooth
- Packing Type: Roll, Pallet, Reel
- Outward Appearance: ● Black



Powered by DME&JDE Group

Smooth Cover 2SC Wire Braided Fluid Hose

Applicable Specs:

- DIN EN 857 2SC ■ ISO 11237-1 2SC ■ EN 1804-3 ■ ISO 1307 ■ ISO 6805

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
165–400 Bar / 2392.5–5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
DEF 221122-06	-04	6.4	1/4"	6.1-6.9	10.6-11.7	14.2 MAX.	400	5800	1600	23200	75	0.290	50/100	DPF2T-04
DEF 221122-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.0 MAX.	350	5075	1400	20300	85	0.330	50/100	DPF2T-05
DEF 221122-10	-06	9.5	3/8"	9.3-10.1	14.4-15.6	18.3 MAX.	330	4785	1320	19140	90	0.420	50/100	DPF2T-06
DEF 221122-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.5 MAX.	275	3987.5	1100	15950	130	0.550	50/100	DPF2T-08
DEF 221122-16	-10	16.0	5/8"	15.5-16.7	20.5-22.3	24.7 MAX.	250	3625	1000	14500	150	0.650	50/100	DPF2T-10
DEF 221122-19	-12	19.0	3/4"	18.6-19.8	24.6-26.4	28.6 MAX.	215	3117.5	860	12470	180	0.790	50/100	DPF2T-12
DEF 221122-25	-16	25.4	1"	25.0-26.4	32.5-34.3	36.6 MAX.	165	2392.5	660	9570	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



- Cover Type: Smooth
- Packing Type: Roll, Pallet, Reel
- Outward Appearance: ● Black



Powered by DME&JDE Group

Smooth Cover 1SN/R1AT Wire Braided Fluid Hose

Applicable Specs:

- DIN EN853 1SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805
- EN 13463 ■ PN-G 32010

Applications:



German Technology Equipment

Product Series:



No-Skive

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001 •
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
88–250 Bar / 1276–3625 PSI

Impulse times:
≥ 150,000 Times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EAS 221101-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	12.5 MAX.	250	3625	1000	14500	90	0.240	50/100	DPF2T-03
EAS 221101-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	14.1 MAX.	225	3262.5	900	13050	100	0.255	50/100	DPF2T-04
EAS 221101-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	15.7 MAX.	215	3117.5	860	12470	115	0.304	50/100	DPF2T-05
EAS 221101-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	18.1 MAX.	180	2610	720	10440	130	0.390	50/100	DPF2T-06
EAS 221101-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.4 MAX.	160	2320	640	9280	180	0.472	50/100	DPF2T-08
EAS 221101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885	520	7540	200	0.581	50/100	DPF2T-10
EAS 221101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12
EAS 221101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276	352	5104	300	0.830	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



- Cover Type: Smooth
- Packing Type: Roll, Pallet, Reel
- Outward Appearance: ●Black



Powered by DME&JDE Group

Smooth Cover 2SN/R2AT Wire Braided Fluid Hose

Applicable Specs:

- DIN EN853 2SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805
- EN 13463 ■ PN-G 32010

Applications:



German Technology Equipment

Product Series:



No-Skive

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001 •
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
165–415 Bar / 2392.5–6017.5 PSI

Impulse times:
≥ 200,000 Times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EAS 221102-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	14.1 MAX.	415	6017.5	1660	24070	90	0.340	50/100	DPF2T-03
EAS 221102-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800	1600	23200	100	0.372	50/100	DPF2T-04
EAS 221102-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075	1400	20300	115	0.430	50/100	DPF2T-05
EAS 221102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785	1320	19140	130	0.560	50/100	DPF2T-06
EAS 221102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08
EAS 221102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625	1000	14500	200	0.732	50/100	DPF2T-10
EAS 221102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12
EAS 221102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



- Cover Type: Smooth
- Packing Type: Roll, Pallet, Reel
- Outward Appearance: ●Black



Powered by DME&JDE Group

Smooth Cover 1ST Wire Braided Fluid Hose

Applicable Specs:

- DIN EN 853 1ST
- EXCEEDS SAE 100R1A
- ISO 1436:2009
- TS 6387 EN 853 1ST
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:

EASY-FIT
EASY-FLEX

No-Skive

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
88-250 Bar/1276-3625 PSI

Impulse times:
≥ 150,000 Times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
EAS 221111-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	11.9-13.5	250	3625	1000	14500	90	0.264	50/100	DPF2T-03
EAS 221111-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.1-16.7	225	3262.5	900	13050	100	0.281	50/100	DPF2T-04
EAS 221111-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.7-18.3	215	3117.5	860	12470	115	0.334	50/100	DPF2T-05
EAS 221111-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.0-20.6	180	2610	720	10440	130	0.429	50/100	DPF2T-06
EAS 221111-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	22.2-23.8	160	2320	640	9280	180	0.519	50/100	DPF2T-08
EAS 221111-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	25.4-27.0	130	1885	520	7540	200	0.639	50/100	DPF2T-10
EAS 221111-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	29.4-31.0	105	1522.5	420	6090	240	0.759	50/100	DPF2T-12
EAS 221111-25	-16	25.4	1"	25.0-26.4	32.5-34.1	37.1-39.1	88	1276	352	5104	300	0.913	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



Cover Type: Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ●Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

Smooth Cover 2ST Wire Braided Fluid Hose

Applicable Specs:

- DIN EN 853 2ST
- EXCEEDS SAE 100R1A
- ISO 1436:2009
- TS 6387 EN 853 2ST
- ISO 1307
- EN 1804-3
- ISO 6805
- EN 13463-1

Applications:



German Technology Equipment

Product Series:

EASY-FIT
EASY-FLEX

No-Skive

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
165-415 Bar/2392.5-6017.5 PSI

Impulse times:
≥ 200,000 Times

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EAS 221112-05	-03	4.8	3/16"	4.6-5.4	10.6-11.6	15.1-16.7	415	6017.5	1660	24070	90	0.374	50/100	DPF2T-03
EAS 221112-06	-04	6.4	1/4"	6.2-7.0	12.1-13.3	16.7-18.3	400	5800	1600	23200	100	0.409	50/100	DPF2T-04
EAS 221112-08	-05	8.0	5/16"	7.7-8.5	13.7-14.9	18.3-19.9	350	5075	1400	20300	115	0.473	50/100	DPF2T-05
EAS 221112-10	-06	9.5	3/8"	9.3-10.1	16.1-17.3	20.6-22.2	330	4785	1320	19140	130	0.616	50/100	DPF2T-06
EAS 221112-12	-08	12.7	1/2"	12.3-13.5	19.0-20.6	23.8-25.4	275	3987.5	1100	15950	180	0.704	50/100	DPF2T-08
EAS 221112-16	-10	16.0	5/8"	15.5-16.7	22.2-23.8	27.0-28.6	250	3625	1000	14500	200	0.805	50/100	DPF2T-10
EAS 221112-19	-12	19.0	3/4"	18.6-19.8	26.2-27.8	31.0-32.6	215	3117.5	860	12470	240	1.023	50/100	DPF2T-12
EAS 221112-25	-16	25.4	1"	25.0-26.4	34.1-35.7	38.5-40.9	165	2392.5	660	9570	300	1.496	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



Cover Type: Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ●Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

Smooth Cover R3 textile Braided Fluid Hose

Applicable Specs:
 ■ SAE 100R3 ■ ISO 4079 ■ ISO 1307



Italy Technology Equipment

Product Series:

No-Skive

Internal hose:
 Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
 2 layers of textile braid

Covering:
 Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
 Ferrule: No-skive Type PUSH-ON-R3 •
 Insert: PUSH-ON-R3 (X: Can choose) •
 Certificate: MSHA & BV & GOST & IATF 16949 •
 & ISO 9001 & ISO 14001 & ISO 45001 •
 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
 39-105 Bar / 565.5-1522.5 PSI

Temperature:
 • -40 °C to +100 °C (intermittent 120 °C)
 • -40 °C to +70 °C for water based fluids
 • 0 °C to +70 °C hot air
 • Prolonged operation at extreme temperatures will reduce hoses life

Media:
 Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
EAS 321103-05	-03	4.8	3/16"	4.5-5.4	-	11.9-13.5	105	1522.5	420	6090	75	0.130	50/100	PUSH-ON-R3-03
EAS 321103-06	-04	6.4	1/4"	6.1-7.0	-	13.5-15.1	87	1261.5	348	5046	75	0.180	50/100	PUSH-ON-R3-04
EAS 321103-08	-05	8.0	5/16"	7.6-8.5	-	16.7-18.3	84	1218	336	4872	100	0.280	50/100	PUSH-ON-R3-05
EAS 321103-10	-06	9.5	3/8"	9.2-10.1	-	18.3-19.8	78	1131	312	4524	100	0.300	50/100	PUSH-ON-R3-06
EAS 321103-12	-08	12.7	1/2"	12.4-13.5	-	23.0-24.6	70	1015	280	4060	125	0.420	50/100	PUSH-ON-R3-08
EAS 321103-16	-10	16.0	5/8"	15.6-16.7	-	26.2-27.8	61	884.5	244	3538	140	0.470	50/100	PUSH-ON-R3-10
EAS 321103-19	-12	19.0	3/4"	18.7-19.8	-	31.0-32.5	52	754	208	3016	150	0.680	50/100	PUSH-ON-R3-12
EAS 321103-25	-16	25.4	1"	25.1-26.2	-	36.9-39.3	39	565.5	156	2262	205	0.900	50/100	PUSH-ON-R3-16

Marking / Layline (Printing, Ink)

Cover Type: Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, PC, DIN, SAE, MA, WSP

Smooth Cover R3 Red textile Braided Fluid Hose

Applicable Specs:
 ■ SAE 100R3 ■ ISO 4079 ■ ISO 1307



Italy Technology Equipment

Product Series:

No-Skive

Internal hose:
 Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
 2 layers of textile braid

Covering:
 Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
 Ferrule: No-skive Type PUSH-ON-R3 •
 Insert: PUSH-ON-R3 (X: Can choose) •
 Certificate: MSHA & BV & GOST & IATF 16949 •
 & ISO 9001 & ISO 14001 & ISO 45001 •
 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
 39-105 Bar / 565.5-1522.5 PSI

Impulse times:
 ≥ 150,000 Times

Temperature:
 • -40 °C to +100 °C (intermittent 120 °C)
 • -40 °C to +70 °C for water based fluids
 • 0 °C to +70 °C hot air
 • Prolonged operation at extreme temperatures will reduce hoses life

Media:
 Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
EAS 323103-05	-03	4.8	3/16"	4.5-5.4	-	11.9-13.5	105	1522.5	420	6090	75	0.130	50/100	PUSH-ON-R3-03
EAS 323103-06	-04	6.4	1/4"	6.1-7.0	-	13.5-15.1	87	1261.5	348	5046	75	0.180	50/100	PUSH-ON-R3-04
EAS 323103-08	-05	8.0	5/16"	7.6-8.5	-	16.7-18.3	84	1218	336	4872	100	0.280	50/100	PUSH-ON-R3-05
EAS 323103-10	-06	9.5	3/8"	9.2-10.1	-	18.3-19.8	78	1131	312	4524	100	0.300	50/100	PUSH-ON-R3-06
EAS 323103-12	-08	12.7	1/2"	12.4-13.5	-	23.0-24.6	70	1015	280	4060	125	0.420	50/100	PUSH-ON-R3-08
EAS 323103-16	-10	16.0	5/8"	15.6-16.7	-	26.2-27.8	61	884.5	244	3538	140	0.470	50/100	PUSH-ON-R3-10
EAS 323103-19	-12	19.0	3/4"	18.7-19.8	-	31.0-32.5	52	754	208	3016	150	0.680	50/100	PUSH-ON-R3-12
EAS 323103-25	-16	25.4	1"	25.1-26.2	-	36.9-39.3	39	565.5	156	2262	205	0.900	50/100	PUSH-ON-R3-16

Marking / Layline (Printing, Ink)

Cover Type: Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Red

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, PC, DIN, SAE, MA, WSP

Smooth Cover R16 Wire Braided Fluid Hose

Applicable Specs:

- SAE 100R16
- ISO 11237-1 R16
- ISO 1307

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
165-400 Bar/2392.5-5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
DEF 321116-06	-04	6.4	1/4"	6.2-7.0	12.3 MAX.	14.5 MAX.	400	5800	1600	23200	50	0.290	50/100	DPF2T-04
DEF 321116-08	-05	8.0	5/16"	7.7-8.5	13.3 MAX.	15.7 MAX.	350	5075	1400	20300	55	0.330	50/100	DPF2T-05
DEF 321116-10	-06	9.5	3/8"	9.3-10.1	15.9 MAX.	18.8 MAX.	330	4785	1320	19140	65	0.420	50/100	DPF2T-06
DEF 321116-12	-08	12.7	1/2"	12.3-13.5	19.0 MAX.	22.0 MAX.	275	3987.5	1100	15950	90	0.550	50/100	DPF2T-08
DEF 321116-16	-10	16.0	5/8"	15.5-16.7	22.6 MAX.	25.4 MAX.	250	3625	1000	14500	100	0.650	50/100	DPF2T-10
DEF 321116-19	-12	19.0	3/4"	18.6-19.8	26.3 MAX.	29.0 MAX.	215	3117.5	860	12470	120	0.790	50/100	DPF2T-12
DEF 321116-25	-16	25.4	1"	25.0-26.4	34.0 MAX.	36.6 MAX.	165	2392.5	660	9570	150	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



- Cover Type: Smooth
- Packing Type: Roll, Pallet, Reel
- Outward Appearance: ● Black



Powered by DME&JDE Group

Smooth Cover R17 Wire Braided Fluid Hose

Applicable Specs:

- SAE 100R17
- ISO 11237-1 R17
- ISO 1307

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of high tensile steel braid up to size 1/2", 2 layers of high tensile steel wire braid from size 5/8" onwards.

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
210 Bar / 3045 PSI

Impulse times:
≥ 150,000 Times / 200,000 Times

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
DEF 321117-05	-03	4.6	3/16"	4.6-5.4	10.1 MAX.	11.6 MAX.	210	3045	840	12180	45	0.190	50/100	DPF2T-03
DEF 321117-06	-04	6.4	1/4"	6.2-7.0	11.0 MAX.	13.2 MAX.	210	3045	840	12180	50	0.220	50/100	DPF2T-04
DEF 321117-08	-05	8.0	5/16"	7.7-8.5	13.0 MAX.	15.0 MAX.	210	3045	840	12180	55	0.260	50/100	DPF2T-05
DEF 321117-10	-06	9.5	3/8"	9.3-10.1	15.0 MAX.	17.0 MAX.	210	3045	840	12180	65	0.320	50/100	DPF2T-06
DEF 321117-12	-08	12.7	1/2"	12.3-13.5	18.8 MAX.	21.1 MAX.	210	3045	840	12180	90	0.440	50/100	DPF2T-08
DEF 321117-16	-10	16.0	5/8"	15.5-16.7	23.6 MAX.	25.9 MAX.	210	3045	840	12180	100	0.640	50/100	DPF2T-10
DEF 321117-19	-12	19.0	3/4"	18.6-19.8	27.7 MAX.	30.3 MAX.	210	3045	840	12180	120	0.900	50/100	DPF2T-12
DEF 321117-25	-16	25.4	1"	25.0-26.4	35.6 MAX.	38.6 MAX.	210	3045	840	12180	150	1.250	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



- Cover Type: Smooth
- Packing Type: Roll, Pallet, Reel
- Outward Appearance: ● Black



Powered by DME&JDE Group

Smooth Cover 1TE Textile Braided Fluid Hose

Applicable Specs:

- DIN EN 853 1TE ■ SAE 100R6 ■ DIN 20021 1TE ■ TS 6388 EN 854 TIP 1TE
- ISO 4079-1TE ■ ISO 1307

Applications:



Italy Technology Equipment

Product Series:



No-Skive

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type PUSH-ON-R6/1TE •
Insert: PUSH-ON-R6/1TE (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:

12–35 Bar / 174–507.5 PSI

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
EAS 221106-05	-03	4.8	3/16"	4.4-5.2	-	10.0-11.6	35	507.5	140	2030	50	0.100	50/100	PUSH-ON-R6/1TE-03
EAS 221106-06	-04	6.4	1/4"	5.9-6.9	-	11.6-13.2	28	406	112	1624	65	0.110	50/100	PUSH-ON-R6/1TE-04
EAS 221106-08	-05	8.0	5/16"	7.4-8.4	-	13.1-14.7	28	406	112	1624	75	0.130	50/100	PUSH-ON-R6/1TE-05
EAS 221106-10	-06	9.5	3/8"	9.0-10.0	-	14.7-16.3	28	406	112	1624	75	0.160	50/100	PUSH-ON-R6/1TE-06
EAS 221106-12	-08	12.7	1/2"	12.1-13.3	-	17.7-19.7	28	406	112	1624	100	0.220	50/100	PUSH-ON-R6/1TE-08
EAS 221106-16	-10	16.0	5/8"	15.3-16.5	-	21.9-23.9	24	348	96	1392	125	0.270	50/100	PUSH-ON-R6/1TE-10
EAS 221106-19	-12	19.0	3/4"	18.2-19.8	-	25.4-27.8	21	304.5	84	1218	150	0.330	50/100	PUSH-ON-R6/1TE-12
EAS 221106-25	-16	25.4	1"	24.6-26.2	-	32.2-34.6	12	174	48	696	155	0.500	50/100	PUSH-ON-R6/1TE-16

Marking / Layline (Printing, Ink)



Cover Type: Smooth



Packing Type: Roll, Pallet, Reel



Outward Appearance: ●Black



Powered by DME&JDE Group

Smooth Cover 2TE Textile Braided Fluid Hose

Applicable Specs:

- DIN EN 853 2TE ■ SAE 100R6 ■ DIN 20021 1TE ■ TS 6388 EN 854 TIP 1TE
- ISO 4079-1TE ■ ISO 1307

Applications:



Italy Technology Equipment

Product Series:



No-Skive

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type PUSH-ON-2TE •
Insert: PUSH-ON-2TE (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:

40–80 Bar / 580–1160 PSI

Temperature:

- -40 °C to +100 °C (intermittent 120 °C)
- -40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:

Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
EAS 221103-05	-03	4.8	3/16"	4.4-5.2	-	11.0-12.6	80	1160	320	4640	25	0.200	50/100	PUSH-ON-2TE-03
EAS 221103-06	-04	6.4	1/4"	5.9-6.9	-	12.6-14.2	75	1087.5	300	4350	40	0.160	50/100	PUSH-ON-2TE-04
EAS 221103-08	-05	8.0	5/16"	7.4-8.4	-	14.1-15.7	68	986	272	3944	50	0.180	50/100	PUSH-ON-2TE-05
EAS 221103-10	-06	9.5	3/8"	9.0-10.0	-	15.7-17.3	63	913.5	252	3654	60	0.190	50/100	PUSH-ON-2TE-06
EAS 221103-12	-08	12.7	1/2"	12.1-13.3	-	18.7-20.7	58	841	232	3364	70	0.260	50/100	PUSH-ON-2TE-08
EAS 221103-16	-10	16.0	5/8"	15.3-16.5	-	22.9-24.9	50	725	200	2900	90	0.350	50/100	PUSH-ON-2TE-10
EAS 221103-19	-12	19.0	3/4"	18.2-19.8	-	26.0-28.0	45	652.5	180	2610	110	0.400	50/100	PUSH-ON-2TE-12
EAS 221103-25	-16	25.4	1"	24.6-26.2	-	32.9-35.9	40	580	160	2320	150	0.600	50/100	PUSH-ON-2TE-16

Marking / Layline (Printing, Ink)



Cover Type: Smooth



Packing Type: Roll, Pallet, Reel



Outward Appearance: ●Black



Powered by DME&JDE Group

Smooth Cover Pilot Hose Wire Braided Fluid Hose

Applicable Specs:
 ■ PILOT 12.5 MPa / 125 Bar

Applications:



German Technology Equipment

Product Series:



Ultra Soft & Flexible



Super Impulse & Pressure

Internal hose:
 Synthetic rubber, extruded whole without joints, of uniform thickness



Reinforcement:
 1 layer of steel wire braid



Covering:
 Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions



Fittings:
 Ferrule: No-skive Type DPF2T •
 Insert: DPX1XX (X: Can choose) •
 Certificate: MSHA & BV & GOST & IATF 16949 •
 & ISO 9001 & ISO 14001 & ISO 45001 •
 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
 125 Bar / 1812.5 PSI



Impulse times:
 ≥ 150,000 Times



Temperature:
 • -40 °C to +100 °C (intermittent 120 °C)
 • -40 °C to +70 °C for water based fluids
 • 0 °C to +70 °C hot air
 • Prolonged operation at extreme temperatures will reduce hoses life



Media:
 Suitable for medium pressure and return lines for use with petroleum, synthetic or water based fluids in hydraulic systems suitable for agricultural, construction & material handling equipment and machinery/system



#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
DEF 521101-06	-04	6.4	1/4"	6.4	9.9	11.5-12.1	125	1812.5	500	7250	30	0.190	50/100	DPF2T-04
DEF 521101-08	-05	8.0	5/16"	8.0	11.6	13.1-13.7	125	1812.5	500	7250	40	0.220	50/100	DPF2T-05
DEF 521101-10	-06	9.5	3/8"	9.5	12.9	14.8-15.9	125	1812.5	500	7250	50	0.250	50/100	DPF2T-06
DEF 521101-12	-08	12.7	1/2"	12.7	16.3	18.0-19.2	125	1812.5	500	7250	60	0.350	50/100	DPF2T-08

Marking / Layline (Printing, Ink)



Cover Type:
 Smooth

Packing Type:
 Roll, Pallet, Reel

Outward Appearance:
 ● Black



Powered by DME&JDE Group

SMOOTH COVER



Application





SUCTION AND DISCHARGE HOSE



Application



Water Suction & Discharge Rubber Hose



Applicable Specs:

- BS EN ISO 4641 • ISO 10619 • ISO/TC 45
- ISO 7326 • ISO 7233



Oil Suction & Discharge Rubber Hose



Applicable Specs:

- BS EN ISO 4079 • ISO 6743 • SAE R4

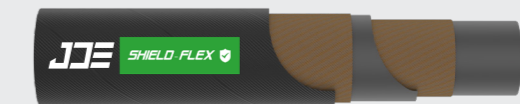


Oil Delivery rubber hose



Applicable Specs:

- BS EN ISO 4079 • ISO 6743

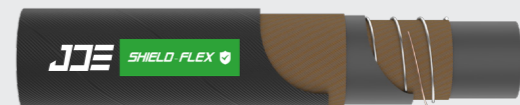


Fuel & Diesel Oil Suction Rubber Hose 1



Applicable Specs:

- ISO 2929 : 2021

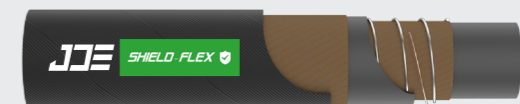


Fuel & Diesel Oil Suction Rubber Hose 2



Applicable Specs:

- ISO 2929 : 2021



Fuel & Diesel Oil Delivery Rubber Hose



Applicable Specs:

- ISO 2929 : 2021



Chemical Liquid Medium Rubber Hose



Applicable Specs:

- ISO 27126



Solid Material Transfer Rubber Hose



Applicable Specs:

- ISO 28017:2011(E) • ISO/TC 45 • ISO 4649

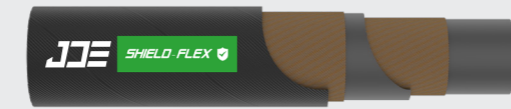


Conveying Dry Cement and Solid Material Transfer Rubber Hose



Applicable Specs:

- ISO 28017:2011(E) • ISO/TC 45 • ISO 4649

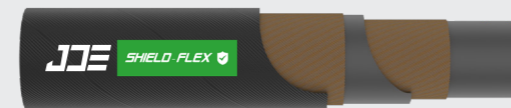


Sand Blast Rubber Hose



Applicable Specs:

- ISO 28017:2011(E) • ISO/TC 45 • ISO 4649



Water Suction & Discharge Rubber Hose

Applicable Specs:

- BS EN ISO 4641 • ISO 10619 • ISO/TC 45 • ISO 7326 • ISO 7233

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:
Synthetic rubber (main ingredients: Natural rubber + styrene butadiene rubber + carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:
High tensile textile + Helix special metal alloy steel wire •

Covering:
Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:
Recommended use: DME&JDE Clamp or fittings. •

Working Pressure:
10 Bar / 150 PSI

Temperature:
• -20 °C to + 80 °C

Media:
Designed for full suction and discharge pressure, It handles sewage, waste water, freshwater, seawater etc.

#													
Part Number	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure	Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
I.D.	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 811101-19(W)	-12	19	3/4"	19	-	30	10 150	30	450	100	0.68	61.0	SHIELD-FLEX® clamp or fittings
JDE 811101-25(W)	-16	25	1"	25	-	36	10 150	30	450	150	0.85	61.0	
JDE 811101-32(W)	-20	32	1-1/4"	32	-	44	10 150	30	450	190	1.21	61.0	
JDE 811101-38(W)	-24	38	1-1/2"	38	-	51	10 150	30	450	220	1.51	61.0	
JDE 811101-51(W)	-32	51	2"	51	-	64	10 150	30	450	300	1.94	61.0	
JDE 811101-64(W)	-40	64	2-1/2"	78	-	78	10 150	30	450	380	2.56	61.0	
JDE 811101-76(W)	-48	76	3"	90	-	90	10 150	30	450	450	3.09	61.0	
JDE 811101-102(W)	-64	102	4"	120	-	120	10 150	30	450	550	4.98	61.0	
JDE 811101-152(W)	-96	152	6"	171	-	171	10 150	30	450	750	8.18	30.5	
JDE 811101-203(W)	-128	203	8"	224	-	224	10 150	30	450	1100	12.51	30.5	

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet
- Outward Appearance:** ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue



Oil Suction & Discharge Rubber Hose

Applicable Specs: ■ BS EN ISO 4079 ■ ISO 6743 ■ SAE R4



American Technology Equipment

Product Series:

New-Standard

- Internal hose:** Synthetic rubber(main ingredients: Nitrile butadiene rubber + styrene butadiene rubber + carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.
- Reinforcement:** High tensile textile + Helix special metal alloy steel wire
- Covering:** Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.
- Fittings:** Recommended use: DME&JDE Clamp or fittings.



- Working Pressure:** 10 Bar / 150 PSI
- Temperature:** • -20 °C to + 80 °C
- Media:** All kinds of mechanical equipment in the oil system, hydraulic system, oil pipeline, oil pipeline, oil return pipeline, construction machinery, agricultural machinery and forestry and other industries of mechanical oil system, etc.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm	inch				bar	psi						
I.D.	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 811101-19(O1)	-12	19	3/4"	19	-	30	10	150	30	450	100	0.68	61.0	SHIELD-FLEX® clamp or fittings
JDE 811101-25(O1)	-16	25	1"	25	-	36	10	150	30	450	150	0.85	61.0	
JDE 811101-32(O1)	-20	32	1-1/4"	32	-	44	10	150	30	450	190	1.21	61.0	
JDE 811101-38(O1)	-24	38	1-1/2"	38	-	51	10	150	30	450	220	1.51	61.0	
JDE 811101-51(O1)	-32	51	2"	51	-	64	10	150	30	450	300	1.94	61.0	
JDE 811101-64(O1)	-40	64	2-1/2"	78	-	78	10	150	30	450	380	2.56	61.0	
JDE 811101-76(O1)	-48	76	3"	90	-	90	10	150	30	450	450	3.09	61.0	
JDE 811101-102(O1)	-64	102	4"	120	-	120	10	150	30	450	550	4.98	61.0	
JDE 811101-152(O1)	-96	152	6"	171	-	171	10	150	30	450	750	8.18	30.5	
JDE 811101-203(O1)	-128	203	8"	224	-	224	10	150	30	450	1100	12.51	30.5	

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped

Packing Type: Roll, Pallet

Outward Appearance: ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, U.S. Department of Labor, DAKKS, DEKRA, PC, SGS, DIN, SAE INTERNATIONAL, MA, WSF

Powered by DME&JDE Group

Oil Delivery rubber hose

Applicable Specs: ■ BS EN ISO 4079 ■ ISO 6743



American Technology Equipment

Product Series:

New-Standard

- Internal hose:** Synthetic rubber(main ingredients: Nitrile butadiene rubber + styrene butadiene rubber + carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.
- Reinforcement:** High tensile textile
- Covering:** Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to Oil, Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.
- Fittings:** Recommended use: DME&JDE Clamp or fittings.



- Working Pressure:** 20 Bar / 300 PSI
- Temperature:** • -20 °C to + 80 °C
- Media:** All kinds of mechanical equipment in the oil system, hydraulic system, oil pipeline, oil pipeline, oil return pipeline, construction machinery, agricultural machinery and forestry and other industries of mechanical oil system, etc.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm	inch				bar	psi						
I.D.	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 811101-06(O2)	-4	6	1/4"	6	-	14	20	300	60	900	58	0.19	100	SHIELD-FLEX® clamp or fittings
JDE 811101-08(O2)	-5	8	5/16"	8	-	16	20	300	60	900	78	0.22	100	
JDE 811101-10(O2)	-6	10	3/8"	10	-	18	20	300	60	900	98	0.26	100	
JDE 811101-12(O2)	-8	13	1/2"	13	-	22	20	300	60	900	128	0.37	100	
JDE 811101-16(O2)	-10	16	5/8"	16	-	26	20	300	60	900	158	0.49	100	
JDE 811101-19(O2)	-12	19	3/4"	19	-	29	20	300	60	900	188	0.56	100	
JDE 811101-25(O2)	-16	25	1"	25	-	36	20	300	60	900	248	0.79	100	
JDE 811101-32(O2)	-20	32	1-1/4"	32	-	44	20	300	60	900	248	1.07	61	
JDE 811101-38(O2)	-24	38	1-1/2"	38	-	52	20	300	60	900	298	1.42	61	
JDE 811101-51(O2)	-32	51	2"	51	-	65	20	300	60	900	398	1.83	61	
JDE 811101-64(O2)	-40	64	2-1/2"	78	-	78	20	300	60	900	498	2.31	61	
JDE 811101-76(O2)	-48	76	3"	90	-	90	20	300	60	900	598	2.69	61	
JDE 811101-102(O2)	-64	102	4"	120	-	119	20	300	60	900	798	4.22	61	



Cover Type: Wrapped

Packing Type: Roll, Pallet

Outward Appearance: ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, U.S. Department of Labor, DAKKS, DEKRA, PC, SGS, DIN, SAE INTERNATIONAL, MA, WSF

Powered by DME&JDE Group

Fuel & Diesel Oil Suction Rubber Hose 1

Applicable Specs:
■ ISO 2929 : 2021

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:
Synthetic rubber (main ingredients: Nitrile butadiene rubber+ Chloroprene Rubber+ carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:
High tensile textile + Helix special metal alloy steel wire + Conductive copper wire

Covering:
Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to fuel & diesel Oil, Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:
Recommended use: DME&JDE Clamp or fittings •

Working Pressure:
10 Bar / 150 PSI

Temperature:
• -20 °C to + 80 °C

Media:

- All kinds of mechanical equipment in the fuel & diesel oil system
- Construction machinery, agricultural machinery and forestry and other industries of mechanical fuel & diesel oil system, etc.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 811101-19(F1)	-12	19	3/4"	19	-	30	10	150	30	450	99	0.70	61.0	SHIELD-FLEX® clamp or fittings
JDE 811101-25(F1)	-16	25	1"	25	-	36	10	150	30	450	149	0.87	61.0	
JDE 811101-32(F1)	-20	32	1-1/4"	32	-	44	10	150	30	450	189	1.24	61.0	
JDE 811101-38(F1)	-24	38	1-1/2"	38	-	51	10	150	30	450	219	1.55	61.0	
JDE 811101-51(F1)	-32	51	2"	51	-	64	10	150	30	450	299	1.99	61.0	
JDE 811101-64(F1)	-40	64	2-1/2"	78	-	78	10	150	30	450	379	2.62	61.0	
JDE 811101-76(F1)	-48	76	3"	90	-	90	10	150	30	450	449	3.17	61.0	
JDE 811101-102(F1)	-64	102	4"	120	-	120	10	150	30	450	549	5.10	61.0	
JDE 811101-152(F1)	-96	152	6"	171	-	171	10	150	30	450	749	8.34	30.5	
JDE 811101-203(F1)	-128	203	8"	224	-	224	10	150	30	450	1099	12.75	30.5	

Marking / Layline (Printing, Ink, Embossed)

JDE SHIELD FLEX Fuel & Diesel Oil Suction & Discharge Hose ID: 2"(51 MM) MAX.W.P.10 BAR/150 PSI

Cover Type: Wrapped

Packing Type: Roll, Pallet

Outward Appearance: ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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Fuel & Diesel Oil Suction Rubber Hose 2

Applicable Specs:
■ ISO 2929 : 2021

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:
Synthetic rubber(main ingredients: Nitrile butadiene rubber+ Chloroprene Rubber+ carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:
High tensile textile + Helix special metal alloy steel wire + Conductive copper wire

Covering:
Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to fuel & diesel Oil, Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:
Recommended use: DME&JDE Clamp or fittings.

Working Pressure:
10 Bar / 150 PSI

Temperature:
• -20 °C to + 80 °C

Media:

- Common use for heavy duty fuel and oil suction and drainage
- Especially suitable for tank trucks, tank carrying ships.
- long life, negative pressure vacuum resistance, antistatic, flame retardant.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 811101-51(F3)	-32	51	2"	51	-	65	10	150	30	450	299	2.02	61	SHIELD-FLEX® clamp or fittings
JDE 811101-64(F3)	-40	64	2-1/2"	78	-	80	10	150	30	450	379	3.03	61	
JDE 811101-76(F3)	-48	76	3"	90	-	92	10	150	30	450	449	3.55	61	
JDE 811101-102(F3)	-64	102	4"	120	-	121	10	150	30	450	549	5.20	61	
JDE 811101-127(F3)	-80	127	5"	127	-	147	10	150	30	450	1099	7.65	61	
JDE 811101-152(F3)	-96	152	6"	171	-	172	10	150	30	450	749	9.05	61	

Marking / Layline (Printing, Ink, Embossed)

JDE SHIELD FLEX Fuel & Diesel Oil Suction & Discharge Hose ID: 2"(51 MM) MAX.W.P.10 BAR/150 PSI

Cover Type: Wrapped

Packing Type: Roll, Pallet

Outward Appearance: ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

Powered by DME&JDE Group

Fuel & Diesel Oil Delivery Rubber Hose

Applicable Specs:

- ISO 2929 : 2021

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:

Synthetic rubber (main ingredients: Nitrile butadiene rubber + Chloroprene Rubber + carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:

High tensile textile [The size from 1-1/4" to 4" with Conductive copper wire]

Covering:

Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to fuel & diesel Oil, Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:

Recommended use: DME&JDE Clamp or fittings.



Working Pressure:

20 Bar / 300 PSI

Temperature:

-20 °C to + 80 °C

Media:

- All kinds of mechanical equipment in the fuel & diesel oil system.
- Construction machinery, agricultural machinery and forestry and other industries of mechanical fuel & diesel oil system, etc.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 811101-06(F2)	-4	6	1/4"	6	-	14	20	300	60	900	58	0.19	100	SHIELD-FLEX® clamp or fittings
JDE 811101-08(F2)	-5	8	5/16"	8	-	16	20	300	60	900	78	0.22	100	
JDE 811101-10(F2)	-6	10	3/8"	10	-	18	20	300	60	900	98	0.26	100	
JDE 811101-12(F2)	-8	13	1/2"	13	-	22	20	300	60	900	128	0.37	100	
JDE 811101-16(F2)	-10	16	5/8"	16	-	26	20	300	60	900	158	0.49	100	
JDE 811101-19(F2)	-12	19	3/4"	19	-	29	20	300	60	900	188	0.56	100	
JDE 811101-25(F2)	-16	25	1"	25	-	36	20	300	60	900	248	0.79	100	
JDE 811101-32(F2)	-20	32	1-1/4"	32	-	44	20	300	60	900	248	1.07	61	
JDE 811101-38(F2)	-24	38	1-1/2"	38	-	52	20	300	60	900	298	1.42	61	
JDE 811101-51(F2)	-32	51	2"	51	-	65	20	300	60	900	398	1.83	61	
JDE 811101-64(F2)	-40	64	2-1/2"	78	-	78	20	300	60	900	498	2.31	61	
JDE 811101-76(F2)	-48	76	3"	90	-	90	20	300	60	900	598	2.69	61	
JDE 811101-102(F2)	-64	102	4"	120	-	119	20	300	60	900	798	4.22	61	



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet
- Outward Appearance:** ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue



Chemical Liquid Medium Rubber Hose

Applicable Specs:

- ISO 27126

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:

Ultra-high molecular weight polyethylene + Ethylene Propylene Diene Monomer + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:

High tensile textile + Helix special metal alloy steel wire •

Covering:

Anti-abrasive synthetic rubber (main ingredients: Ethylene Propylene Diene Monomer + anti-abrasive carbon black), resistant to Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:

Recommended use: DME&JDE Clamp or fittings. •



Working Pressure:

10 Bar / 150 PSI

Temperature:

-20 °C to + 80 °C

Media:

- Conveying strong acidic liquid, strong alkaline liquid, special solvent and corrosive liquid.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 811101-19(C)	-12	19	3/4"	19	-	30	10	150	30	450	99	0.70	61.0	SHIELD-FLEX® clamp or fittings
JDE 811101-25(C)	-16	25	1"	25	-	36	10	150	30	450	149	0.87	61.0	
JDE 811101-32(C)	-20	32	1-1/4"	32	-	44	10	150	30	450	189	1.24	61.0	
JDE 811101-38(C)	-24	38	1-1/2"	38	-	51	10	150	30	450	219	1.55	61.0	
JDE 811101-51(C)	-32	51	2"	51	-	64	10	150	30	450	299	1.99	61.0	
JDE 811101-64(C)	-40	64	2-1/2"	78	-	78	10	150	30	450	379	2.56	61.0	
JDE 811101-76(C)	-48	76	3"	90	-	90	10	150	30	450	449	3.10	61.0	
JDE 811101-102(C)	-64	102	4"	120	-	120	10	150	30	450	549	5.00	61.0	
JDE 811101-152(C)	-96	152	6"	171	-	171	10	150	30	450	749	8.20	30.5	
JDE 811101-203(C)	-128	203	8"	224	-	224	10	150	30	450	1099	12.80	30.5	

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet
- Outward Appearance:** ● Green, ● Blue



Solid Material Transfer Rubber Hose

Applicable Specs: ISO 28017: 2011(E) ISO/TC 45 ISO 4649

Applications:



American Technology Equipment

Product Series:

New-Standard

Internal hose:
Synthetic rubber (main ingredients: Natural rubber + cis-polybutadiene rubber+ carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:
High tensile textile + Helix special metal alloy steel wire + Conductive copper wire

Covering:
Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:
Recommended use: DME&JDE Clamp or fittings.



Working Pressure:
10 Bar / 150 PSI

Temperature:
• -20 °C to + 80 °C

Media:

- Suitable for conveying dry cement, stone, lime, sand, stone, mud, etc.
- The product is characterized by the use of wear-resistant rubber material on the inner wall of the hose, and the use of wear-resistant high-quality special materials on the outer wall.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 811101-51(S1)	-32	51	2"	51	-	67.4	10	150	30	450	300	1.74	61.0	SHIELD-FLEX® clamp or fittings
JDE 811101-64(S1)	-40	64	2-1/2"	78	-	81.4	10	150	30	450	380	2.45	61.0	
JDE 811101-76(S1)	-48	76	3"	90	-	95.8	10	150	30	450	450	3.20	61.0	
JDE 811101-102(S1)	-64	102	4"	120	-	124.6	10	150	30	450	550	4.30	61.0	
JDE 811101-127(S1)	-80	127	5"	127	-	151.2	10	150	30	450	1100	5.56	30.5	
JDE 811101-152(S1)	-96	152	6"	171	-	178.6	10	150	30	450	750	7.30	30.5	

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped
Packing Type: Roll, Pallet
Outward Appearance: ● Black



Powered by DME&JDE Group

Conveying Dry Cement and Solid Material Transfer Rubber Hose

Applicable Specs: ISO 28017: 2011(E) ISO/TC 45 ISO 4649

Applications:



American Technology Equipment

Product Series:

New-Standard

Internal hose:
Synthetic rubber (main ingredients: Natural rubber + cis-polybutadiene rubber+ carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:
High tensile textile •

Covering:
Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:
Recommended use: DME&JDE Clamp or fittings.



Working Pressure:
10 Bar / 150 PSI

Temperature:
• -20 °C to + 80 °C

Media:

- Suitable for conveying dry cement, stone, lime, sand, stone, mud, etc.
- The product is characterized by the use of wear-resistant rubber material on the inner wall of the hose, and the use of wear-resistant high-quality special materials on the outer wall.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 811101-51(S2)	-32	51	2"	51	-	66	10	150	30	450	300	1.74	61.0	SHIELD-FLEX® clamp or fittings
JDE 811101-64(S2)	-40	64	2-1/2"	78	-	80	10	150	30	450	380	2.45	61.0	
JDE 811101-76(S2)	-48	76	3"	90	-	94	10	150	30	450	450	3.20	61.0	
JDE 811101-102(S2)	-64	102	4"	120	-	121	10	150	30	450	550	4.30	61.0	
JDE 811101-127(S2)	80	127	5"	127	-	146	10	150	30	450	1100	5.56	30.5	
JDE 811101-152(S2)	-96	152	6"	171	-	173	10	150	30	450	750	7.30	30.5	

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped
Packing Type: Roll, Pallet
Outward Appearance: ● Black



Powered by DME&JDE Group

Sand Blast Rubber Hose

Applicable Specs:

- DIN EN ISO 3861
- DIN EN ISO 8031
- ISO 4649

Applications:



American Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:

Synthetic rubber (main ingredients: Natural rubber + cis-polybutadiene rubber+ carbon black + patented additives), Automatic computer control system extruded whole without joints, of uniform thickness.

Reinforcement:

High tensile textile

Covering:

Anti-abrasive synthetic rubber (main ingredients: natural rubber + styrene butadiene rubber + anti-abrasive carbon black), resistant to Sunshine, UV rays, freshwater, seawater, fuels and atmospheric conditions.

Fittings:

Recommended use: DME&JDE Clamp or fittings.



Working Pressure:

12 Bar / 170 PSI

Temperature:

• -20 °C to + 80 °C

Media:

- Conveying quartz, metal sand, gun tube, rust removal and spraying on metal surface, so as to play the role of rust removal on metal surface.

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 811101-19(S3)	-12	19	3/4"	19	-	30	12	170	36	510	100	0.68	61	SHIELD-FLEX® clamp or fittings
JDE 811101-19(S3)	-12	19	3/4"	19	-	30	12	170	36	510	100	0.68	61	
JDE 811101-32(S3)	-20	32	1-1/4"	32	-	44	12	170	36	510	190	1.29	61	
JDE 811101-38(S3)	-24	38	1-1/2"	38	-	51	12	170	36	510	220	1.57	61	
JDE 811101-51(S3)	-32	51	2"	51	-	64	12	170	36	510	300	2.40	61	
JDE 811101-64(S3)	-40	64	2-1/2"	78	-	78	12	170	36	510	380	3.00	61	
JDE 811101-76(S3)	-48	76	3"	90	-	90	12	170	36	510	450	4.30	61	

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet
- Outward Appearance:** ● Black



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E-mail: info@dmejde.com



SUCTION AND DISCHARGE HOSE



Application





ULTRA HIGH TEMPERATURE
+155 °C / +210 °C



Application



STEAM HOSE SAFETY GUIDE

Handling steam is a very hazardous situation. Using care and some safety precaution can minimise or eliminate personal or property damage.

SELECTING AND USING STEAM HOSE

1. Make sure steam hose is identified as a steam hose. It should be branded as such, stating working pressure and temperature rating.
2. Make sure working pressure and temperature is not exceeded.
3. Do not allow hose to remain under pressure when not in use.
4. Avoid excess bending or flexing of hose near the coupling. Straight line operation is preferred. If bends are necessary as part of operation, spring guards may help.
5. Be sure and use recommended steam hose couplings and clamps on hose.

MAINTENANCE OF STEAM HOSE

1. Periodic inspection of hose should include looking for cover blisters and lumps.
2. Check for kinked areas that could damage hose.
3. Drain hose after each use to avoid tube damage before hose is put back in operation, to avoid "popcorning" of the tube.
4. Check tightness of clamps bolts after each use.
5. Check to see if clamps halves are touching. If they are, recouple hose with smaller clamps to insure proper tightness or grip around hose.
6. Do not store hose over hooks.
7. Steam hose lying on metal racks or installed around steel piping will dry out the hose, causing tube and cover cracking.

CORROSIVE STEAM

When the water used to generate steam contains dissolved air, oxygen or carbon dioxide, then these gases end up as contaminants in the steam. At high temperatures of steam both oxygen and carbon dioxide are extremely corrosive. Carbon dioxide is acidic and therefore attacks metals whereas the oxygen corrodes metals and oxidises rubbers. Corrosion of metals in the presence of both oxygen and acids is forty times faster than with either alone. Boiler water is therefore normally treated not only to remove the "hardness" which would cause "furring" of the boiler but also to remove dissolved oxygen and carbon dioxide and to ensure that the steam is not only not acidic but even slightly alkaline. Boiler water treatment is a specialised subject beyond the scope of this technical sheet but correct steam generation is important.

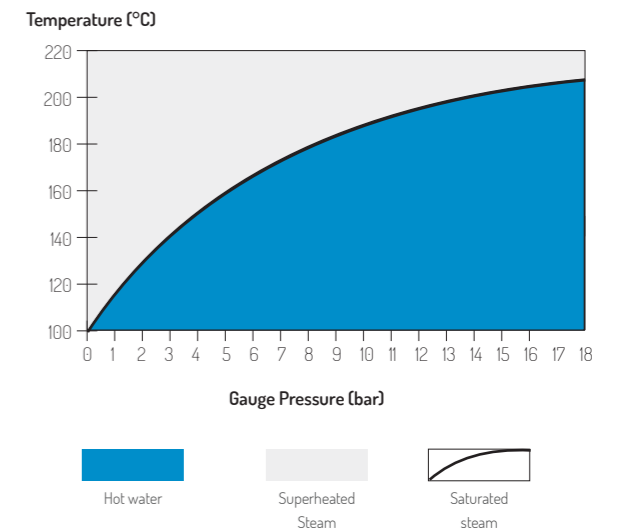
DETERIORATION OF STEAM HOSE

Like all rubber products steam hoses have a finite life and are subject to gradual deterioration with use. However, it sometimes happens that hoses which have been giving a good life suddenly start failing without apparent reason. In such cases it is often a change in the steam conditions causing a rapid acceleration of a normal failure mode. It is therefore useful to consider how steam hoses normally last and thus how the condition of the steam affects hose life.

TEMPERATURE OF SATURATED STEAM

Gauge Pressure		Temperature	
psi	bar	°C	°F
25	1.73	130	267
30	2.07	134	274
35	2.42	138	281
40	2.76	141	287
45	3.11	144	292
50	3.45	148	298
60	4.14	153	307
70	4.83	158	307
80	5.52	162	324
90	6.21	168	330
100	6.90	170	338
120	8.28	177	350
140	9.6	182	361
160	11.04	188	371
180	12.42	193	379
200	13.8	198	388
225	15.53	203	397
250	17.25	208	406
275	18.98	212	414
300	20.70	216	422
325	22.43	221	429
350	24.15	225	437

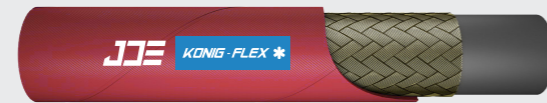
The chart represents the three forms of water when subjected to heat and pressure, Use only hoses specifically designed for the application.



1SW

Applicable Specs:

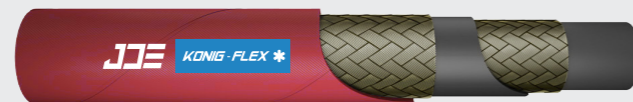
- BS 5342 Type-2
- EXCEEDS IS 10655
- ISO 6134 Type2



2SW

Applicable Specs:

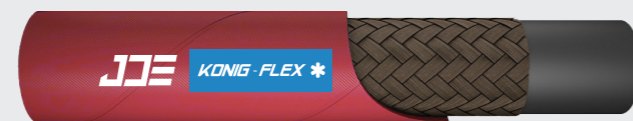
- BS 5342 Type-2
- EXCEEDS IS 10655
- ISO 6134 Type2



Steam Hose 1TB

Applicable Specs:

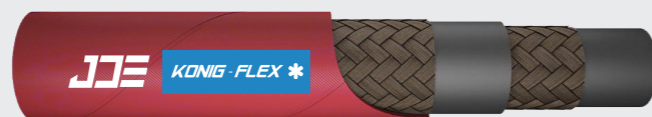
- STEAM HOSE 1TB



Steam Hose 2TB

Applicable Specs:

- STEAM HOSE 2TB



SAE R5 CX

Applicable Specs:

- SAE 100R5 CX



Washer Hose 1W

Applicable Specs:

- DIN EN 853 1SN
- EXCEEDS SAE 100R1AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



Washer Hose 2W

Applicable Specs:

- DIN EN 853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



Washer Hose 2SC

Applicable Specs:

- DIN EN 857 2SC
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



Steam Hose 1SW/B Wire Braided Fluid Hose



Applicable Specs:

- BS 5342 Type-2
- EXCEEDS IS 10655

Applications:



German Technology Equipment

Product Series:



-40 °C / +210 °C

- Internal hose:**
 - Black colour, EPDM rubber resistant to saturated steam
- Reinforcement:**
 - 1 layer of steel wire braid
- Covering:**
 - Red colour, EPDM resistant to ozone and weather
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX1XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:**
 - 20 Bar / 290 PSI
- Temperature:**
 - High Temperature steam lines up to +210 °C (intermittent +230 °C)
 - High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:**
 - Water, Heated steam

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
KON 713101-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	18.1 MAX.	20	290	80	1160	130	0.390	50/100	DPF2T-06
KON 713101-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.4 MAX.	20	290	80	1160	180	0.472	50/100	DPF2T-08
KON 713101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	20	290	80	1160	200	0.581	50/100	DPF2T-10
KON 713101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	20	290	80	1160	240	0.690	50/100	DPF2T-12
KON 713101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	20	290	80	1160	300	0.830	50/100	DPF2T-16
KON 713101-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	20	290	80	1160	420	1.325	20/40	DPF2T-20
KON 713101-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	20	290	80	1160	500	1.500	20/40	DPF2T-24
KON 713101-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	20	290	80	1160	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink)



- Cover Type:** Wrapped, Smooth
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** Red



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Steam Hose 2SW Wire Braided Fluid Hose



Applicable Specs:

- BS 5342 Type-2
- EXCEEDS IS 10655
- ISO 6134 Type2

Applications:



German Technology Equipment

Product Series:



-40 °C / +210 °C

- Internal hose:**
 - Black colour, EPDM rubber resistant to saturated steam
- Reinforcement:**
 - 2 layers of steel wire braid
- Covering:**
 - Red colour, EPDM resistant to ozone and weather
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:**
 - 20 Bar / 290 PSI
- Temperature:**
 - High Temperature steam lines up to +210 °C (intermittent +230 °C)
 - High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:**
 - Water, Heated steam

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
KON 713102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	20	290	80	1160	130	0.560	50/100	DPF2T-06
KON 713102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	20	290	80	1160	180	0.640	50/100	DPF2T-08
KON 713102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	20	290	80	1160	200	0.732	50/100	DPF2T-10
KON 713102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	20	290	80	1160	240	0.930	50/100	DPF2T-12
KON 713102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	20	290	80	1160	300	1.360	50/100	DPF2T-16

Marking / Layline (Printing, Ink)



- Cover Type:** Wrapped, Smooth
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** Red



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Steam Hose 1TB Textile Braided Fluid Hose



Applicable Specs:
■ STEAM HOSE 1TB

Applications:



Italy Technology Equipment

Product Series:



-40 °C / +210 °C

Internal hose:
Black colour, EPDM rubber resistant to saturated steam

Reinforcement:
1 layer of textile/cotton fiber braid

Covering:
Red colour, EPDM resistant to ozone and weather

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
12–35 Bar / 174–507.5 PSI

Temperature:

- High Temperature steam lines up to +210 °C (intermittent +230 °C)
- High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Water, Heated steam

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 713101-05 1TB	-03	4.8	3/16"	4.4-5.2	-	10.0-11.6	35	507.5	140	2030	50	0.100	50/100	PUSH-ON-R6/1TE-03
KON 713101-06 1TB	-04	6.4	1/4"	5.9-6.9	-	11.6-13.2	28	406	112	1624	65	0.110	50/100	PUSH-ON-R6/1TE-04
KON 713101-08 1TB	-05	8.0	5/16"	7.4-8.4	-	13.1-14.7	28	406	112	1624	75	0.130	50/100	PUSH-ON-R6/1TE-05
KON 713101-10 1TB	-06	9.5	3/8"	9.0-10.0	-	14.7-16.3	28	406	112	1624	75	0.160	50/100	PUSH-ON-R6/1TE-06
KON 713101-12 1TB	-08	12.7	1/2"	12.1-13.3	-	17.7-19.7	28	406	112	1624	100	0.220	50/100	PUSH-ON-R6/1TE-08
KON 713101-16 1TB	-10	16.0	5/8"	15.3-16.5	-	21.9-23.9	24	348	96	1392	125	0.270	50/100	PUSH-ON-R6/1TE-10
KON 713101-19 1TB	-12	19.0	3/4"	18.2-19.8	-	25.4-27.8	21	304.5	84	1218	150	0.330	50/100	PUSH-ON-R6/1TE-12
KON 713101-25 1TB	-16	25.4	1"	24.6-26.2	-	32.2-34.6	12	174	48	696	155	0.500	50/100	PUSH-ON-R6/1TE-16

Marking / Layline (Printing, Ink)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Red ● Black ● Green ● Blue



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Steam Hose 2TB Textile Braided Fluid Hose



Applicable Specs:
■ STEAM HOSE 2TB

Applications:



Italy Technology Equipment

Product Series:



-40 °C / +210 °C

Internal hose:
Black colour, EPDM rubber resistant to saturated steam

Reinforcement:
2 layers of textile/cotton fiber braid

Covering:
Red colour, EPDM resistant to ozone and weather

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
20 Bar / 290 PSI

Temperature:

- High Temperature steam lines up to +210 °C (intermittent +230 °C)
- High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Water, Heated steam

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 713102-08 2TB	-05	8.0	5/16"	7.6-8.5	-	16.7-18.3	20	290	80	1160	100	0.280	50/100	PUSH-ON-R3-05
KON 713102-10 2TB	-06	9.5	3/8"	9.2-10.1	-	18.3-19.8	20	290	80	1160	100	0.300	50/100	PUSH-ON-R3-06
KON 713102-12 2TB	-08	12.7	1/2"	12.4-13.5	-	23.0-24.6	20	290	80	1160	125	0.420	50/100	PUSH-ON-R3-08
KON 713102-16 2TB	-10	16.0	5/8"	15.6-16.7	-	26.2-27.8	20	290	80	1160	140	0.470	50/100	PUSH-ON-R3-10
KON 713102-19 2TB	-12	19.0	3/4"	18.7-19.8	-	31.0-32.5	20	290	80	1160	150	0.680	50/100	PUSH-ON-R3-12
KON 713102-25 2TB	-16	25.4	1"	25.1-26.2	-	36.9-39.3	20	290	80	1160	205	0.900	50/100	PUSH-ON-R3-16

Marking / Layline (Printing, Ink)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Red



Powered by DME&JDE Group

SAE R5 CX Wire Braided Fluid Hose



Applicable Specs:
▪ SAE 100R5 CX

Applications:



Italy Technology Equipment

Product Series:

-50 °C / +155 °C

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of steel wire braid
- Covering:** Blue Color textile braided cover
- Fittings:**
 - Ferrule: No-skive Type DPF5
 - Insert: DPF5 (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 24–210 Bar / 348–3045 PSI
- Temperature:**
 - 40 °C to +135 °C petroleum based fluids (intermittent 155°C)
- Media:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 332105-05 CX	-04	4.8	3/16"	4.8-5.5	-	12.7-13.7	210	3045	840	12180	75	0.130	50/100	DPFR5-04
KON 332105-06 CX	-05	6.4	1/4"	6.4-7.2	-	14.3-15.3	210	3045	840	12180	85	0.160	50/100	DPFR5-05
KON 332105-08 CX	-06	7.9	5/16"	7.9-8.7	-	16.7-17.6	157	2276.5	628	9106	100	0.200	50/100	DPFR5-06
KON 332105-11 CX	-08	10.3	13/32"	10.3-11.1	-	18.9-20.0	140	2030	560	8120	115	0.240	50/100	DPFR5-08
KON 332105-12 CX	-10	12.7	1/2"	12.7-13.7	-	22.8-24.0	122	1769	488	7076	140	0.350	50/100	DPFR5-10
KON 332105-16 CX	-12	15.9	5/8"	15.9-17.0	-	26.8-28.0	105	1522.5	420	6090	165	0.450	50/100	DPFR5-12
KON 332105-22 CX	-16	22.2	7/8"	22.2-23.3	-	30.6-32.2	56	812	224	3248	185	0.400	50/100	DPFR5-16
KON 332105-29 CX	-20	28.6	1-1/8"	28.6-29.8	-	37.3-38.9	43	623.5	172	2494	230	0.550	50	DPFR5-20
KON 332105-35 CX	-24	34.9	1-3/8"	34.9-36.1	-	43.7-45.2	35	507.5	140	2030	265	0.700	50	DPFR5-24
KON 332105-46 CX	-32	46.0	1-13/16"	46.0-47.2	-	55.2-57.6	24	348	96	1392	335	0.990	50	DPFR5-32

Marking / Layline (Printing, Ink)



- Cover Type:** Textile fabrics
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** Klein Blue



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Washer Hose 1W Wire Braided Fluid Hose



Applicable Specs:

- DIN EN 853 ISN
- EXCEEDS SAE 100RIAT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX or DPX1XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 40–250 Bar / 580–3625 PSI
- Impulse times:** ≥ 150,000 Times
- Temperature:**
 - 40 °C to +135 °C (intermittent 155 °C)
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
KON 512101-06	-04	6.4	1/4"	6.2-7.0	11.0 MAX.	13.2 MAX.	250	3625	900	13050	50	1.190	50/100	DPF2T-04
KON 512101-08	-05	8.0	5/16"	7.7-8.5	13.0 MAX.	15.0 MAX.	220	3190	850	12325	55	0.200	50/100	DPF2T-05
KON 512101-10	-06	9.5	3/8"	9.3-10.1	15.0 MAX.	17.0 MAX.	220	3190	720	10440	65	0.260	50/100	DPF2T-06
KON 512101-12	-08	12.7	1/2"	12.3-13.5	18.8 MAX.	21.1 MAX.	220	3190	640	9280	90	0.390	50/100	DPF2T-08
KON 512101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885	520	7540	200	0.581	50/100	DPF2T-10
KON 512101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12
KON 512101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276	352	5104	300	0.830	50/100	DPF2T-16
KON 512101-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	63	913.5	252	3654	420	1.325	20/40	DPF2T-20
KON 512101-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	50	725	200	2900	500	1.500	20/40	DPF2T-24
KON 512101-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	40	580	160	2320	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped, Smooth
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** Black, Gray, Klein Blue



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Washer Hose 2W Wire Braided Fluid Hose



Applicable Specs:

- DIN EN 853 2SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:



-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001 •
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
80–400 Bar / 1160–5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +135 °C (intermittent 155 °C)

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 512102-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800	1600	23200	100	0.372	50/100	DPF2T-04
KON 512102-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075	1400	20300	115	0.430	50/100	DPF2T-05
KON 512102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785	1320	19140	130	0.560	50/100	DPF2T-06
KON 512102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08
KON 512102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625	1000	14500	200	0.732	50/100	DPF2T-10
KON 512102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12
KON 512102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16
KON 512102-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	49.5 MAX.	125	1812.5	500	7250	420	1.850	20/40	DPF2T-20
KON 512102-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	55.9 MAX.	90	1305	360	5220	500	2.300	20/40	DPF2T-24
KON 512102-51	-32	50.8	2"	50.4-52.0	58.7-61.7	68.6 MAX.	80	1160	320	4640	630	2.650	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black, ● Gray, ● Klein Blue



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Washer Hose 2SC Wire Braided Fluid Hose



Applicable Specs:

- DIN EN 857 2SC ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:



-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001 •
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
165–400 Bar / 2392.5–5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +135 °C (intermittent 155 °C)

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 512122-06	-04	6.4	1/4"	6.1-6.9	10.6-11.7	14.2 MAX.	400	5800	1600	23200	75	0.290	50/100	DPF2T-04
KON 512122-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.0 MAX.	350	5075	1400	20300	85	0.330	50/100	DPF2T-05
KON 512122-10	-06	9.5	3/8"	9.3-10.1	14.4-15.6	18.3 MAX.	330	4785	1320	19140	90	0.420	50/100	DPF2T-06
KON 512122-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.5 MAX.	275	3987.5	1100	15950	130	0.550	50/100	DPF2T-08
KON 512122-16	-10	16.0	5/8"	15.5-16.7	20.5-22.3	24.7 MAX.	250	3625	1000	14500	150	0.650	50/100	DPF2T-10
KON 512122-19	-12	19.0	3/4"	18.6-19.8	24.6-26.4	28.6 MAX.	215	3117.5	860	12470	180	0.790	50/100	DPF2T-12
KON 512122-25	-16	25.4	1"	25.0-26.4	32.5-34.3	36.6 MAX.	165	2392.5	660	9570	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped, Smooth
- Packing Type:** Roll, Pallet, Reel
- Outward Appearance:** ● Black, ● Gray, ● Klein Blue



Powered by DME&JDE Group



Ultra Low Temperature -50 °C



Application



1SN



Applicable Specs:

- DIN EN 853 1SN
- EXCEEDS SAE 100R1AT
- ISO 1436:2009
- TS 6387 EN 853 1SN
- ISO 1307 / EN 1804-3
- ISO 6805 / EN 13463-1

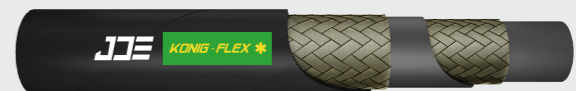


2SN



Applicable Specs:

- DIN EN 853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



1SC



Applicable Specs:

- DIN EN 857 1SC
- ISO 1436:2009
- TS 6387 EN 857 1SC
- ISO 1307
- ISO 6805
- EN 13463-1



2SC



Applicable Specs:

- DIN EN 857 2SC
- ISO 11237-1 2SC
- EN 1804-3
- ISO 1307
- ISO 6805

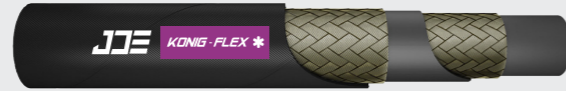


SAE 100R16



Applicable Specs:

- SAE 100R16
- ISO 11237-1 R16
- ISO 1307



SAE 100R17



Applicable Specs:

- SAE 100R17
- ISO 11237-1 R17
- ISO 1307



3SW



Applicable Specs:

- Steel Wire Braid Hydraulic Hose :Wrapped Cover 3W

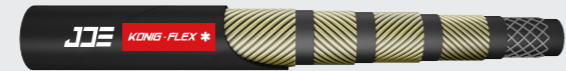


4SP



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP
- ISO 8030 / EN 1804 / EN 13463-1
- TS 10548
- ISO 4413
- ISO 1307
- ISO 3862 4SP



4SH



Applicable Specs:

- DIN 20023 PART 2 TYPE 4SH
- ISO 8030 / EN 1804-3 / ISO 6805 ISO 4413
- TS 10548 / PG-G-32010
- ISO 3862 4SH
- ISO 1307



1SN Wire Braided Fluid Hose



Applicable Specs:

- DIN EN 853 1SN
- EXCEEDS SAE 100RIAT
- ISO 1436:2009
- TS 6387 EN 853 1SN
- ISO 1307 / EN 1804-3
- ISO 6805 / EN 13463-1

Applications:



German Technology Equipment

Product Series:



-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 •
& ISO 9001 & ISO 14001 & ISO 45001 •
& DAKKS & SGS & MA & DEKRA Approved

Working Pressure:

40–250 Bar / 580–3625 PSI

Impulse times:

≥ 150,000 Times

Temperature:

- -50 °C to +100 °C (intermittent -55 °C or +120 °C)
- 0 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:

Mineral and biological oils, glycol-water based, water, lubricants

#														
Part Number	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
I.D.	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
KON 211101-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	12.5 MAX.	250	3625.0	1000	14500	90	0.240	50/100	DPF2T-03
KON 211101-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	14.1 MAX.	225	3262.5	900	13050	100	0.255	50/100	DPF2T-04
KON 211101-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	15.7 MAX.	215	3117.5	860	12470	115	0.304	50/100	DPF2T-05
KON 211101-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	18.1 MAX.	180	2610.0	720	10440	130	0.390	50/100	DPF2T-06
KON 211101-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.4 MAX.	160	2320.0	640	9280	180	0.472	50/100	DPF2T-08
KON 211101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885.0	520	7540	200	0.581	50/100	DPF2T-10
KON 211101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12
KON 211101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276.0	352	5104	300	0.830	50/100	DPF2T-16
KON 211101-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	63	913.5	252	3654	420	1.325	20/40	DPF2T-20
KON 211101-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	50	725.0	200	2900	500	1.500	20/40	DPF2T-24
KON 211101-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	40	580.0	160	2320	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped



Packing Type: Roll, Pallet, Reel



Outward Appearance: ● Black



2SN Wire Braided Fluid Hose



Applicable Specs:

- DIN EN 853 2SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 2 layers of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX2XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 80–415 Bar / 1160–6017.5 PSI
- Impulse times:** ≥ 200,000 Times
- Temperature:**
 - -50 °C to +100 °C (intermittent -55 °C or +120 °C)
 - 0 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	I.D.	Dash Size					bar	psi	bar	psi				
KON 211102-05	-03	4.8	3/16"	4.6-5.4	9.0-10.0	14.1 MAX.	415	6017.5	1660	24070	90	0.340	50/100	DPF2T-03
KON 211102-06	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800.0	1600	23200	100	0.372	50/100	DPF2T-04
KON 211102-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075.0	1400	20300	115	0.430	50/100	DPF2T-05
KON 211102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785.0	1320	19140	130	0.560	50/100	DPF2T-06
KON 211102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08
KON 211102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625.0	1000	14500	200	0.732	50/100	DPF2T-10
KON 211102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12
KON 211102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16
KON 211102-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	49.5 MAX.	125	1812.5	500	7250	420	1.850	20/40	DPF2T-20
KON 211102-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	55.9 MAX.	90	1305.0	360	5220	500	2.300	20/40	DPF2T-24
KON 211102-51	-32	50.8	2"	50.4-52.0	58.7-61.7	68.6 MAX.	80	1160.0	320	4640	630	2.650	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
 - Packing Type:** Roll, Pallet, Reel
 - Outward Appearance:** ● Black
- Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

1SC Wire Braided Fluid Hose



Applicable Specs:

- DIN EN 857 1SC ■ ISO 1436:2009 ■ TS 6387 EN 857 1SC ■ ISO 1307
- ISO 6805 ■ EN 13463-1

Applications:

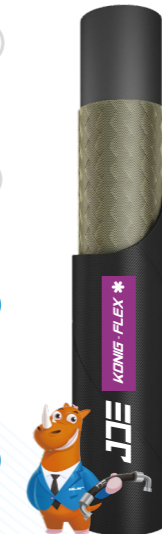


German Technology Equipment

Product Series:

-50 °C / +155 °C

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 1 layer of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF2T
 - Insert: DPX1XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 88–225 Bar / 1276–3262.5 PSI
- Impulse times:** ≥ 150,000 Times
- Temperature:**
 - -50 °C to +100 °C (intermittent -55 °C or +120 °C)
 - 0 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	I.D.	Dash Size					bar	psi	bar	psi				
KON 211121-06	-04	6.4	1/4"	6.1-6.9	9.6-10.8	13.5 MAX.	225	3262.5	900	13050	75	0.190	50/100	DPF2T-04
KON 211121-08	-05	8.0	5/16"	7.7-8.5	10.9-12.1	14.5 MAX.	215	3117.5	860	12470	85	0.220	50/100	DPF2T-05
KON 211121-10	-06	9.5	3/8"	9.3-10.1	12.7-14.5	16.9 MAX.	180	2610.0	720	10440	90	0.250	50/100	DPF2T-06
KON 211121-12	-08	12.7	1/2"	12.3-13.5	15.9-18.1	20.4 MAX.	160	2320.0	640	9280	130	0.350	50/100	DPF2T-08
KON 211121-16	-10	16.0	5/8"	15.5-16.7	19.8-21.0	23.0 MAX.	130	1885.0	520	7540	150	0.450	50/100	DPF2T-10
KON 211121-19	-12	19.0	3/4"	18.6-19.8	23.2-24.4	26.7 MAX.	105	1522.5	420	6090	180	0.500	50/100	DPF2T-12
KON 211121-25	-16	25.4	1"	25.0-26.4	30.7-31.9	34.9 MAX.	88	1276.0	352	5104	230	0.750	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped
 - Packing Type:** Roll, Pallet, Reel
 - Outward Appearance:** ● Black
- Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

2SC Wire Braided Fluid Hose



Applicable Specs:

- DIN EN 857 2SC ■ ISO 11237-1 2SC ■ EN 1804-3 ■ ISO 1307 ■ ISO 6805

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
165–400 Bar / 2392.5–5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -50 °C to +100 °C (intermittent -55 °C or +120 °C)
• 0 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
	Dash Size	mm				inch	bar						psi	bar
KON 211122-06	-04	6.4	1/4"	6.1-6.9	10.6-11.7	14.2 MAX.	400	5800.0	1600	23200	75	0.290	50/100	DPF2T-04
KON 211122-08	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.0 MAX.	350	5075.0	1400	20300	85	0.330	50/100	DPF2T-05
KON 211122-10	-06	9.5	3/8"	9.3-10.1	14.4-15.6	18.3 MAX.	330	4785.0	1320	19140	90	0.420	50/100	DPF2T-06
KON 211122-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.5 MAX.	275	3987.5	1100	15950	130	0.550	50/100	DPF2T-08
KON 211122-16	-10	16.0	5/8"	15.5-16.7	20.5-22.3	24.7 MAX.	250	3625.0	1000	14500	150	0.650	50/100	DPF2T-10
KON 211122-19	-12	19.0	3/4"	18.6-19.8	24.6-26.4	28.6 MAX.	215	3117.5	860	12470	180	0.790	50/100	DPF2T-12
KON 211122-25	-16	25.4	1"	25.0-26.4	32.5-34.3	36.6 MAX.	165	2392.5	660	9570	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

SAE 100R16 Wire Braided Fluid Hose



Applicable Specs:

- SAE 100R16 ■ ISO 11237-1 R16 ■ ISO 1307

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
125–400 Bar / 1812.5–5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -50 °C to +100 °C (intermittent -55 °C or +120 °C)
• 0 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
	Dash Size	mm				inch	mm						mm	mm
KON 311116-06	-04	6.4	1/4"	6.2-7.0	12.3 MAX.	14.5 MAX.	400	5800.0	1600	23200	50	0.290	50/100	DPF2T-04
KON 311116-08	-05	8.0	5/16"	7.7-8.5	13.3 MAX.	15.7 MAX.	350	5075.0	1400	20300	55	0.330	50/100	DPF2T-05
KON 311116-10	-06	9.5	3/8"	9.3-10.1	15.9 MAX.	18.8 MAX.	330	4785.0	1320	19140	65	0.420	50/100	DPF2T-06
KON 311116-12	-08	12.7	1/2"	12.3-13.5	19.0 MAX.	22.0 MAX.	275	3987.5	1100	15950	90	0.550	50/100	DPF2T-08
KON 311116-16	-10	16.0	5/8"	15.5-16.7	22.6 MAX.	25.4 MAX.	250	3625.0	1000	14500	100	0.650	50/100	DPF2T-10
KON 311116-19	-12	19.0	3/4"	18.6-19.8	26.3 MAX.	29.0 MAX.	215	3117.5	860	12470	120	0.790	50/100	DPF2T-12
KON 311116-25	-16	25.4	1"	25.0-26.4	34.0 MAX.	36.6 MAX.	165	2392.5	660	9570	150	1.180	50/100	DPF2T-16
KON 311116-32	-20	31.5	1-1/4"	31.4-33.0	41.9 MAX.	44.3 MAX.	125	1812.5	500	7250	210	1.800	40	DPF2T-20

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

SAE 100R17 Wire Braided Fluid Hose



Applicable Specs:

- SAE 100R17
- ISO 11237-1 R17
- ISO 1307

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of high tensile steel wire braid up to size 1/2", 2 layers of high tensile steel wire braid from size 5/8" onwards

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

- Working Pressure:**
210 Bar/3045 PSI
- Impulse times:**
≥ 150,000 Times / ≥ 200,000 Times
- Temperature:**
- 50 °C to +100 °C (intermittent -55 °C or +120 °C)
 - 0 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life*
- Media:**
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 311117-05	-03	4.6	3/16"	4.6-5.4	10.1 MAX.	11.6 MAX.	210	3045	840	12180	45	0.190	50/100	DPF2T-03
KON 311117-06	-04	6.4	1/4"	6.2-7.0	11.0 MAX.	13.2 MAX.	210	3045	840	12180	50	0.220	50/100	DPF2T-04
KON 311117-08	-05	8.0	5/16"	7.7-8.5	13.0 MAX.	15.0 MAX.	210	3045	840	12180	55	0.260	50/100	DPF2T-05
KON 311117-10	-06	9.5	3/8"	9.3-10.1	15.0 MAX.	17.0 MAX.	210	3045	840	12180	65	0.320	50/100	DPF2T-06
KON 311117-12	-08	12.7	1/2"	12.3-13.5	18.8 MAX.	21.1 MAX.	210	3045	840	12180	90	0.440	50/100	DPF2T-08
KON 311117-16	-10	16.0	5/8"	15.5-16.7	23.6 MAX.	25.9 MAX.	210	3045	840	12180	100	0.640	50/100	DPF2T-10
KON 311117-19	-12	19.0	3/4"	18.6-19.8	27.7 MAX.	30.3 MAX.	210	3045	840	12180	120	0.900	50/100	DPF2T-12
KON 311117-25	-16	25.4	1"	25.0-26.4	35.6 MAX.	38.6 MAX.	210	3045	840	12180	150	1.250	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

3SW Wire Braided Fluid Hose



Applicable Specs:

Steel Wire Braid Hydraulic Hose: Wrapped Coner 3W

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
3 layers of steel wire braid •

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

- Working Pressure:**
10-600 Bar / 145-8700 PSI
- Impulse times:**
≥ 200,000 Times
- Temperature:**
- 50 °C to +100 °C (intermittent -55 °C or +120 °C)
 - 0 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life*
- Media:**
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 111103-06	-04	6.4	1/4"	6.2-7.0	14±0.4	16.8 Max	600	8700	2400	34800	100	0.372	10-110	DPF3T-04
KON 111103-08	-05	8.0	5/16"	7.7-8.5	17.3±0.4	20.2 Max	500	7250	2000	29000	115	0.430	10-110	DPF3T-05
KON 111103-10	-06	9.5	3/8"	9.3-10.1	19±0.4	22.2 Max	450	6525	1800	26100	130	0.560	10-110	DPF3T-06
KON 111103-12	-08	12.7	1/2"	12.3-13.5	22.8±0.4	26.0 Max	400	5800	1600	23200	180	0.640	10-110	DPF3T-08
KON 111103-16	-10	16.0	5/8"	15.5-16.7	25.8±0.4	29.4 Max	350	5075	1400	20300	200	0.732	10-110	DPF3T-10
KON 111103-19	-12	19.0	3/4"	18.6-19.8	28.8±0.4	32.8 Max	280	4060	1120	16240	240	0.930	10-110	DPF3T-12
KON 111103-22	-14	22.0	7/8"	21.6-22.4	31.6±0.4	35.2 Max	250	3625	1000	14500	280	1.000	10-110	DPF3T-14
KON 111103-25	-16	25.4	1"	25.0-26.4	34.8±0.4	38.9 Max	240	3480	960	13920	300	1.360	10-110	DPF3T-16
KON 111103-32	-20	31.8	1-1/4"	31.4-33.0	42.4±0.5	49.5 Max	190	2755	760	11020	420	1.850	10-40	DPF3T-20
KON 111103-38	-24	38.1	1-1/2"	37.7-39.3	49.7±0.5	55.9 Max	150	2175	600	8700	500	2.300	10-40	DPF3T-20
KON 111103-45	-30	45.0	1-4/5"	44.5-45.5	56.4±0.5	59.8 Max	12	174	48	696	500	1.500	10-40	DPF3T-24
KON 111103-51	-32	50.8	2"	50.4-52.0	62.4±0.5	68.6 Max	10	145	40	580	630	2.650	10-40	DPF3T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

4SP Wire Spiral Fluid Hose



Applicable Specs:

- DIN 20023 PART 1 TYPE 4SP ■ TS 10548 ■ ISO 1307 ■ ISO 8030 / EN 1804 / EN 13463-1
- ISO 4413 ■ ISO 3862 4SP

Applications:



American Technology Equipment

Product Series:

-50 °C / +155 °C

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 4 layers of steel wire spiral
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF4T
 - Insert: DPX4XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 165-445 Bar / 2392.5-6452.5 PSI
- Impulse times:** ≥ 400,000 Times
- Temperature:**
 - -50 °C to +100 °C (intermittent -55 °C or +120 °C)
 - 0 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
KON 211104-10	-06	9.5	3/8"	9.3-10.1	16.9-18.1	20.6-22.2	445	6452.5	1780	25810	180	0.700	20/40	DPF4T-06
KON 211104-12	-08	12.7	1/2"	12.3-13.5	19.4-21.0	23.8-25.4	415	6017.5	1660	24070	230	0.800	20/40	DPF4T-08
KON 211104-16	-10	16.0	5/8"	15.5-16.7	23.0-24.6	27.4-29.0	350	5075.0	1400	20300	250	0.975	20/40	DPF4T-10
KON 211104-19	-12	19.0	3/4"	18.6-19.8	27.4-29.0	31.4-33.0	350	5075.0	1400	20300	300	1.450	20/40	DPF4T-12
KON 211104-25	-16	25.4	1"	25.0-26.4	34.5-36.1	38.5-40.9	280	4060.0	1120	16240	340	2.050	20/40	DPF4T-16
KON 211104-32	-20	31.8	1-1/4"	31.4-33.0	45.0-47.0	49.2-52.4	210	3045.0	840	12180	460	3.060	20/40	DPF4T-20
KON 211104-38	-24	38.1	1-1/2"	37.7-39.3	51.4-53.4	55.6-58.8	185	2682.5	740	10730	560	3.650	20/40	DPF4T-24
KON 211104-51	-32	50.8	2"	50.4-52.0	64.3-66.3	68.2-71.4	165	2392.5	660	9570	660	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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4SH Wire Spiral Fluid Hose



Applicable Specs:

- DIN 20023 PART 2 TYPE 4SH ■ TS 10548 / PG-G-32010 ■ ISO 1307
- ISO 8030 / EN 1804-3 / ISO 6805 ISO 4413 ■ ISO 3862 4SH

Applications:



American Technology Equipment

Product Series:

-50 °C / +155 °C

- Internal hose:** Synthetic rubber, extruded whole without joints, of uniform thickness
- Reinforcement:** 4 layers of steel wire spiral
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
- Fittings:**
 - Ferrule: No-skive Type DPF4T
 - Insert: DPX4XX (X: Can choose)
 - Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:** 165-445 Bar / 2392.5-6452.5 PSI
- Impulse times:** ≥ 400,000 Times
- Temperature:**
 - -50 °C to +100 °C (intermittent -55 °C or +120 °C)
 - 0 °C to +70 °C for water based fluids
 - 0 °C to +70 °C hot air
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Hydraulic fluids petroleum based (mineral oils), glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
KON 211114-10	-06	9.5	3/8"	9.3-10.1	16.9-18.1	20.6-22.2	445	6452.5	1780	25810	180	0.700	20/40	DPF4T-06
KON 211114-12	-08	12.7	1/2"	12.3-13.5	19.4-21.0	23.8-25.4	415	6017.5	1660	24070	230	0.800	20/40	DPF4T-08
KON 211114-16	-10	16.0	5/8"	15.5-16.7	23.0-24.6	27.4-29.0	350	5075.0	1400	20300	250	0.975	20/40	DPF4T-10
KON 211114-19	-12	19.0	3/4"	18.6-19.8	27.4-29.0	31.4-33.0	350	5075.0	1400	20300	300	1.450	20/40	DPF4T-12
KON 211114-25	-16	25.4	1"	25.0-26.4	34.5-36.1	38.5-40.9	280	4060.0	1120	16240	340	2.050	20/40	DPF4T-16
KON 211114-32	-20	31.8	1-1/4"	31.4-33.0	45.0-47.0	49.2-52.4	210	3045.0	840	12180	460	3.060	20/40	DPF4T-20
KON 211114-38	-24	38.1	1-1/2"	37.7-39.3	51.4-53.4	55.6-58.8	185	2682.5	740	10730	560	3.650	20/40	DPF4T-24
KON 211114-51	-32	50.8	2"	50.4-52.0	64.3-66.3	68.2-71.4	165	2392.5	660	9570	660	4.850	20/40	DPF4T-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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JET Washer Hose



Application



1W +135 °C



Applicable Specs:

- DIN EN 853 1SN
- EXCEEDS SAE 100RIAT
- ISO 1436:2009
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



2W +135 °C



Applicable Specs:

- DIN EN 853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



2SC +135 °C



Applicable Specs:

- DIN EN857 2SC
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



JET 250/1S [+155 °C]



Applicable Specs:

- DIN EN 853 1SN
- EXCEEDS SAE 100RIAT
- ISO 1436:2009
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



Long Life 400/2S [+155 °C]



Applicable Specs:

- DIN EN 853 2SN
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



Long Life Super 500 [+155 °C]



Applicable Specs:

- EN857 2SC
- EXCEEDS SAE 100R2AT
- ISO 1436:2009
- ISO 1307
- PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413
- ISO 6805 / EN 13463
- PN-G 32010



1W +135 °C Wire Braided Fluid Hose

Applicable Specs:

- DIN EN 853 1SN ■ EXCEEDS SAE 100R1AT ■ ISO 1436:2009 ■ PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463 ■ PN-G 32010

Applications:



German Technology Equipment

Product Series:



-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
40–250 Bar / 580–3625 PSI

Impulse times:
≥ 150,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 135 °C)

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	mm	mm	bar					psi
KON 211101-06 135	-04	6.4	1/4"	6.2-7.0	11.0 MAX.	13.2 MAX.	250	3625	900	13050	50	1.190	50/100	DPF2T-04
KON 211101-08 135	-05	8.0	5/16"	7.7-8.5	13.0 MAX.	15.0 MAX.	220	3190	850	12325	55	0.200	50/100	DPF2T-05
KON 211101-10 135	-06	9.5	3/8"	9.3-10.1	15.0 MAX.	17.0 MAX.	220	3190	720	10440	65	0.260	50/100	DPF2T-06
KON 211101-12 135	-08	12.7	1/2"	12.3-13.5	18.8 MAX.	21.1 MAX.	220	3190	640	9280	90	0.390	50/100	DPF2T-08
KON 211101-16 135	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885	520	7540	200	0.581	50/100	DPF2T-10
KON 211101-19 135	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12
KON 211101-25 135	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276	352	5104	300	0.830	50/100	DPF2T-16
KON 211101-32 135	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	63	913.5	252	3654	420	1.325	20/40	DPF2T-20
KON 211101-38 135	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	50	725	200	2900	500	1.500	20/40	DPF2T-24
KON 211101-51 135	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	40	580	160	2320	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black, ● Gray, ● Klein Blue



Powered by DME&JDE Group

2W +135 °C Wire Braided Fluid Hose

Applicable Specs:

- DIN EN 853 2SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:



-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
80–400 Bar / 1160–5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 135 °C)

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	mm	mm	bar					psi
KON 211102-06 135	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800	1600	23200	100	0.372	50/100	DPF2T-04
KON 211102-08 135	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075	1400	20300	115	0.430	50/100	DPF2T-05
KON 211102-10 135	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785	1320	19140	130	0.560	50/100	DPF2T-06
KON 211102-12 135	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08
KON 211102-16 135	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625	1000	14500	200	0.732	50/100	DPF2T-10
KON 211102-19 135	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12
KON 211102-25 135	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16
KON 211102-32 135	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	49.5 MAX.	125	1812.5	500	7250	420	1.850	20/40	DPF2T-20
KON 211102-38 135	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	55.9 MAX.	90	1305	360	5220	500	2.300	20/40	DPF2T-24
KON 211102-51 135	-32	50.8	2"	50.4-52.0	58.7-61.7	68.6 MAX.	80	1160	320	4640	630	2.650	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black, ● Gray, ● Klein Blue



Powered by DME&JDE Group

2SC +135 °C Wire Braided Fluid Hose

Applicable Specs:

- DIN EN857 2SC ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
165–400 Bar / 2392.5–5800 PSI

Impulse times:
≥ 200,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 135 °C)

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
	Dash Size	mm				inch	bar						psi	
KON 211122-06 135	-04	6.4	1/4"	6.1-6.9	10.6-11.7	14.2 MAX.	400	5800	1600	23200	75	0.290	50/100	DPF2T-04
KON 211122-08 135	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.0 MAX.	350	5075	1400	20300	85	0.330	50/100	DPF2T-05
KON 211122-10 135	-06	9.5	3/8"	9.3-10.1	14.4-15.6	18.3 MAX.	330	4785	1320	19140	90	0.420	50/100	DPF2T-06
KON 211122-12 135	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.5 MAX.	275	3987.5	1100	15950	130	0.550	50/100	DPF2T-08
KON 211122-16 135	-10	16.0	5/8"	15.5-16.7	20.5-22.3	24.7 MAX.	250	3625	1000	14500	150	0.650	50/100	DPF2T-10
KON 211122-19 135	-12	19.0	3/4"	18.6-19.8	24.6-26.4	28.6 MAX.	215	3117.5	860	12470	180	0.790	50/100	DPF2T-12
KON 211122-25 135	-16	25.4	1"	25.0-26.4	32.5-34.3	36.6 MAX.	165	2392.5	660	9570	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black, ● Gray, ● Klein Blue

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSP

JET 250 Wash+155 °C 1S Wire Braided Washing Hose

Applicable Specs:

- DIN EN 853 1SN ■ EXCEEDS SAE 100RIAT ■ ISO 1436:2009 ■ PN-EN ISO 8030 / PN-EN 13463
- PN-EN 1804-3+A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463 ■ PN-G 32010

Applications:



German Technology Equipment

Product Series:

-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of steel wire braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX or DPX1XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
40–250 Bar / 580–3625 PSI

Impulse times:
≥ 150,000 Times

Temperature:
• -40 °C to +120 °C (intermittent 135 °C)

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure	Bend Radius	Weight	Length Per PCS	Ferrule		
	Dash Size	mm				inch	bar						psi	
KON 211101-06 155	-04	6.4	1/4"	6.2-7.0	11.0 MAX.	13.2 MAX.	250	3625	900	13050	50	1.190	50/100	DPF2T-04
KON 211101-08 155	-05	8.0	5/16"	7.7-8.5	13.0 MAX.	15.0 MAX.	220	3190	850	12325	55	0.200	50/100	DPF2T-05
KON 211101-10 155	-06	9.5	3/8"	9.3-10.1	15.0 MAX.	17.0 MAX.	220	3190	720	10440	65	0.260	50/100	DPF2T-06
KON 211101-12 155	-08	12.7	1/2"	12.3-13.5	18.8 MAX.	21.1 MAX.	220	3190	640	9280	90	0.390	50/100	DPF2T-08
KON 211101-16 155	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	130	1885	520	7540	200	0.581	50/100	DPF2T-10
KON 211101-19 155	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	105	1522.5	420	6090	240	0.690	50/100	DPF2T-12
KON 211101-25 155	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	88	1276	352	5104	300	0.830	50/100	DPF2T-16
KON 211101-32 155	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	63	913.5	252	3654	420	1.325	20/40	DPF2T-20
KON 211101-38 155	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	50	725	200	2900	500	1.500	20/40	DPF2T-24
KON 211101-51 155	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	40	580	160	2320	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black, ● Gray, ● Klein Blue

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSP

Long Life 400 [+155 °C] 2S Wire Braided Washing Hose

Applicable Specs:

- DIN EN 853 2SN ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3-A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:



-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:

2 layers of steel wire braid

Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

- Ferrule: No-skive Type DPF2T
- Insert: DPX2XX or DPX1XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

80–400 Bar / 1160–5800 PSI

Impulse times:

≥ 200,000 Times

Temperature:

- -40 °C to +120 °C (intermittent 135 °C)

Media:

Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
KON 211102-06 155	-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.7 MAX.	400	5800	1600	23200	100	0.372	50/100	DPF2T-04
KON 211102-08 155	-05	8.0	5/16"	7.7-8.5	12.1-13.3	17.3 MAX.	350	5075	1400	20300	115	0.430	50/100	DPF2T-05
KON 211102-10 155	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	330	4785	1320	19140	130	0.560	50/100	DPF2T-06
KON 211102-12 155	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	275	3987.5	1100	15950	180	0.640	50/100	DPF2T-08
KON 211102-16 155	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	250	3625	1000	14500	200	0.732	50/100	DPF2T-10
KON 211102-19 155	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	215	3117.5	860	12470	240	0.930	50/100	DPF2T-12
KON 211102-25 155	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	165	2392.5	660	9570	300	1.360	50/100	DPF2T-16
KON 211102-32 155	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	49.5 MAX.	125	1812.5	500	7250	420	1.850	50/100	DPF2T-20
KON 211102-38 155	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	55.9 MAX.	90	1305	360	5220	500	2.300	50/100	DPF2T-24
KON 211102-51 155	-32	50.8	2"	50.4-52.0	58.7-61.7	68.6 MAX.	80	1160	320	4640	630	2.650	50/100	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black, ● Gray, ● Klein Blue



Powered by DME&JDE Group

Long Life Super 500 [+155 °C] Super 2S+ Wire Braided Washing Hose

Applicable Specs:

- EN857 2SC ■ EXCEEDS SAE 100R2AT ■ ISO 1436:2009 ■ ISO 1307
- PN-EN ISO 8030 / PN-EN 13463 ■ PN-EN 1804-3-A1 / PN-EN ISO 4413 ■ ISO 6805 / EN 13463
- PN-G 32010

Applications:



German Technology Equipment

Product Series:



-50 °C / +155 °C

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:

2 layers of steel wire braid

Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

- Ferrule: No-skive Type DPF2T
- Insert: DPX2XX or DPX1XX (X: Can choose)
- Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

165–400 Bar / 2392.5–5800 PSI

Impulse times:

≥ 200,000 Times

Temperature:

- -40 °C to +120 °C (intermittent 135 °C)

Media:

Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
KON 211122-06 155	-04	6.4	1/4"	6.1-6.9	10.6-11.7	14.2 MAX.	400	5800	1600	23200	75	0.290	50/100	DPF2T-04
KON 211122-08 155	-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.0 MAX.	350	5075	1400	20300	85	0.330	50/100	DPF2T-05
KON 211122-10 155	-06	9.5	3/8"	9.3-10.1	14.4-15.6	18.3 MAX.	330	4785	1320	19140	90	0.420	50/100	DPF2T-06
KON 211122-12 155	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.5 MAX.	275	3987.5	1100	15950	130	0.550	50/100	DPF2T-08
KON 211122-16 155	-10	16.0	5/8"	15.5-16.7	20.5-22.3	24.7 MAX.	250	3625	1000	14500	150	0.650	50/100	DPF2T-10
KON 211122-19 155	-12	19.0	3/4"	18.6-19.8	24.6-26.4	28.6 MAX.	215	3117.5	860	12470	180	0.790	50/100	DPF2T-12
KON 211122-25 155	-16	25.4	1"	25.0-26.4	32.5-34.3	36.6 MAX.	165	2392.5	660	9570	230	1.180	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black, ● Gray, ● Klein Blue



Powered by DME&JDE Group



Fuel Hose



Application



1SW EN 1360 

Applicable Specs:
 • EN 1360 1W STEEL WIRE • SAE J30



2TW EN 1360 

Applicable Specs:
 • EN 1360 2TW • SAE J30 2T TEXTILE BRAID



SAE J30 R2-Type-2 

Applicable Specs:
 • EN 1360 1W • SAE J30 R2-Type 2



SAE J30 R2-Type-3 

Applicable Specs:
 • EN 1360 1W • SAE J30 R2-Type-3



SAE J30 R6 


Applicable Specs:
 • EN 1360 1W • SAE J30 R2-Type-3




LPG Hoses EN 1762 

Applicable Specs:
 • EN 1762: TYPE-D



LPG Hoses IS 9573 

Applicable Specs:
 • ISO 9573:2012: TYPE-1



1W EN 1360 

Applicable Specs:
 • EN 1360 1W • SAE J30 R2-Type-3



1SW EN 1360 Wire Braided Fuel Hose



Applicable Specs:

- EN 1360 1W STEEL WIRE
- SAE J30

Applications:



German Technology Equipment

Product Series:

New-Standard

- Internal hose:** Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness. Anti-static electricity: R < 1 MΩ
- Reinforcement:** 1 layer of steel wire braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ
- Fittings:** Ferrule: No-skive Type DPF2T • Insert: DPX1XX (X: Can choose) •



- Working Pressure:** 20 Bar / 290 PSI
- Temperature:**
 - 40 °C to +100 °C
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Petrol and diesel fuel dispensing lines of pressure 290 PSI

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
JDE 421101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	20	290	80	1160	80	0.581	50/100	FUEL-10
JDE 421101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	29.9 MAX.	20	290	80	1160	100	0.690	50/100	FUEL-12
JDE 421101-22	-13	22.0	7/8"	21.6-22.5	28±0.3	33.0 MAX.	20	290	80	1160	125	0.700	50/100	FUEL-13
JDE 421101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	35.4 MAX.	20	290	80	1160	150	0.725	50/100	FUEL-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped, Smooth
 - Packing Type:** Roll, Pallet, Reel
 - Outward Appearance:**
 - Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue
- Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAkkS, DEKRA, DIN, SAE, MA, WSF

2TW EN 1360 Textile Braided Fuel Hose



Applicable Specs:

- EN 1360 1W
- SAE J30 2T TEXTILE BRAID

Applications:



Italy Technology Equipmen

Product Series:

New-Standard

- Internal hose:** Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness. Anti-static electricity: R < 1 MΩ
- Reinforcement:** 2 layers of textile braid
- Covering:** Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ
- Fittings:** Ferrule: No-skive Type DPF2T • Insert: DPX1XX (X: Can choose) •



- Working Pressure:** 20 Bar / 290 PSI
- Temperature:**
 - 40 °C to +100 °C
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:** Petrol and diesel fuel dispensing lines of pressure 290 PSI

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
JDE 421102-12	-08	12.0	1/2"	12.3-13.5	-	22.23 MAX.	20	290	80	1160	60	0.390	50/100	FUEL-08
JDE 421102-16	-10	16.0	5/8"	15.5-16.7	-	24.5 MAX.	20	290	80	1160	80	0.400	50/100	FUEL-10
JDE 421102-19	-12	19.0	3/4"	18.6-19.8	-	29.9 MAX.	20	290	80	1160	100	0.450	50/100	FUEL-12
JDE 421102-22	-13	22.0	7/8"	21.6-22.5	-	33.0 MAX.	20	290	80	1160	125	0.570	50/100	FUEL-13
JDE 421102-25	-16	25.4	1"	25.0-26.4	-	35.4 MAX.	20	290	80	1160	150	0.590	50/100	FUEL-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Wrapped, Smooth
 - Packing Type:** Roll, Pallet, Reel
 - Outward Appearance:**
 - Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue
- Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, DAkkS, DEKRA, DIN, SAE, MA, WSF

SAE J30 R2-Type-2 Textile Braided Fluid Hose



Applicable Specs:

- EN 1360 1W
- SAE J30 R2-Type 2

Applications:



Italy Technology Equipmen

Product Series:

New-Standard

Internal hose:
Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness. Anti-static electricity: R < 1 MΩ

Reinforcement:
2 layers of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ

Fittings:
Ferrule: No-skive Type DPF2T
Insert: DPX1XX (X: Can choose)

Working Pressure:
10 Bar / 145 PSI

Temperature:
• -40 °C to +100 °C
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Petrol and diesel fuel dispensing lines

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
JDE 821102-05	-03	5.0	3/16"	4.6-5.4	-	14.27 MAX.	10	145	40	580	50	0.135	50/100	FUEL-03
JDE 821102-06	-04	6.0	1/4"	6.2-7.0	-	15.88 MAX.	10	145	40	580	65	0.16	50/100	FUEL-04
JDE 821102-08	-05	8.0	5/16"	7.7-8.5	-	17.48 MAX.	10	145	40	580	75	0.19	50/100	FUEL-05
JDE 821102-10	-06	10.0	3/8"	9.3-10.1	-	19.05 MAX.	10	145	40	580	75	0.195	50/100	FUEL-06
JDE 821102-12	-08	12.0	1/2"	12.3-13.5	-	22.23 MAX.	10	145	40	580	100	0.33	50/100	FUEL-08
JDE 821102-16	-10	16.0	5/8"	15.5-16.7	-	24.5 MAX.	10	145	40	580	125	0.380	50/100	FUEL-10
JDE 821102-19	-12	19.0	3/4"	18.6-19.8	-	29.9 MAX.	10	145	40	580	150	0.470	50/100	FUEL-12

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance:
● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, U.S. Department of Labor, DAkkS, DEKRA, DIN, SAE INTERNATIONAL, MA, WSF

SAE J30 R2-Type-3 Textile Braided Fluid Hose



Applicable Specs:

- EN 1360 1W
- SAE J30 R2-Type-3

Applications:



Italy Technology Equipmen

Product Series:

New-Standard

Internal hose:
Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness. Anti-static electricity: R < 1 MΩ

Reinforcement:
1 layer of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ

Fittings:
Ferrule: No-skive Type DPF2T
Insert: DPX1XX (X: Can choose)

Working Pressure:
25-35 Bar / 362.5-507.5 PSI

Temperature:
• -40 °C to +100 °C
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Petrol and diesel fuel dispensing lines

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	mm	mm	bar					psi
JDE 821101-05	-03	5.0	3/16"	4.6-5.4	-	11.13 MAX.	35	507.5	140	2030	50	0.095	50/100	DPF2T-03
JDE 821101-06	-04	6.0	1/4"	6.2-7.0	-	12.70 MAX.	30	435	120	1740	65	0.130	50/100	DPF2T-04
JDE 821101-08	-05	8.0	5/16"	7.7-8.5	-	14.27 MAX.	30	435	120	1740	75	0.156	50/100	DPF2T-05
JDE 821101-10	-06	10.0	3/8"	9.3-10.1	-	15.88 MAX.	30	435	120	1740	75	0.183	50/100	DPF2T-06
JDE 821101-12	-08	12.0	1/2"	12.3-13.5	-	19.84 MAX.	30	435	120	1740	100	0.264	50/100	DPF2T-08
JDE 821101-16	-10	16.0	5/8"	15.5-16.7	-	23.01 MAX.	25	362.5	100	1450	125	0.302	50/100	DPF2T-10
JDE 821101-19	-12	19.0	3/4"	18.6-19.8	-	28.58 MAX.	25	362.5	100	1450	150	0.372	50/100	DPF2T-12

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance:
● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 45001, ISO 14001, MSHA, U.S. Department of Labor, DAkkS, DEKRA, DIN, SAE INTERNATIONAL, MA, WSF

SAE J30 R6 Textile Braided Fluid Hose



Applicable Specs:
 ■ EN 1360 1W ■ SAE J30 R2-Type-3

Applications:



Italy Technology Equipmen

Product Series:



New-Standard

Internal hose:

Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness. Anti-static electricity: R < 1 MΩ

Reinforcement:

1 layer of textile braid

Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ

Fittings:

Ferrule: No-skive Type DPF2T
 Insert: DPX1XX (X: Can choose)



Working Pressure:

2.75–8.6 Bar / 39.875–124.7 PSI

Temperature:

- 40 °C to +100 °C
- Prolonged operation at extreme temperatures will reduce hoses life

Media:

Petrol and diesel fuel dispensing lines

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	mm	mm	bar					psi
JDE 821106-05	-03	5.0	3/16"	4.6-5.4	-	11.9 MAX.	8.60	124.7	17.2	249.4	50	0.095	50	FUEL-03
JDE 821106-06	-04	6.0	1/4"	6.2-7.0	-	13.2 MAX.	8.60	124.7	17.2	249.4	65	0.130	50	FUEL-04
JDE 821106-08	-05	8.0	5/16"	7.7-8.5	-	14.8 MAX.	8.60	124.7	17.2	249.4	75	0.156	50	FUEL-05
JDE 821106-10	-06	10.0	3/8"	9.3-10.1	-	16.4 MAX.	6.00	87.0	12.0	174.0	75	0.183	50	FUEL-06
JDE 821106-12	-08	12.0	1/2"	12.3-13.5	-	24.6 MAX.	6.00	87.0	12.0	174.0	100	0.264	50	FUEL-08
JDE 821106-16	-10	16.0	5/8"	15.5-16.7	-	24.6 MAX.	6.00	87.0	12.0	174.0	125	0.302	50	FUEL-10
JDE 821106-19	-12	19.0	3/4"	18.6-19.8	-	29.3 MAX.	6.00	87.0	12.0	174.0	150	0.372	50	FUEL-12
JDE 821106-25	-16	25.4	1"	25.0-26.4	-	36.5 MAX.	6.00	87.0	12.0	174.0	190	0.830	50	FUEL-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped, Smooth



Packing Type: Roll, Pallet, Reel



Outward Appearance:
 ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue



Powered by DME&JDE Group

LPG Hoses EN 1762 Wire Braided LPG Hose



Applicable Specs:
 ■ EN 1762: TYPE-D

Applications:



German Technology Equipment

Product Series:



New-Standard

Internal hose:

Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:

1 layer of steel wire braid

Covering:

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:

Ferrule: LPG-XX
 Insert: DPX1XX (X: Can choose)
 Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:

25 Bar / 362.5 PSI

Temperature:

- 40 °C to +100 °C (intermittent 120 °C)
- 40 °C to +70 °C for water based fluids
- 0 °C to +70 °C hot air
- Prolonged operation at extreme temperatures will reduce hoses life

Media:

Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	mm	mm	bar					psi
JDE 421105-10	-06	9.5	3/8"	9.3-10.1	-	18.8 MAX.	25	362.5	100	1450	90	0.390	50/100	LPG-06
JDE 421105-12	-08	12.7	1/2"	12.3-13.5	-	22.7 MAX.	25	362.5	100	1450	100	0.472	50/100	LPG-08
JDE 421105-16	-10	16.0	5/8"	15.5-16.7	-	25.9 MAX.	25	362.5	100	1450	125	0.581	50/100	LPG-10
JDE 421105-19	-12	19.0	3/4"	18.6-19.8	-	31.0 MAX.	25	362.5	100	1450	160	0.690	50/100	LPG-12
JDE 421105-25	-16	25.4	1"	25.0-26.4	-	38.0 MAX.	25	362.5	100	1450	200	0.830	50/100	LPG-16
JDE 421105-32	-20	31.8	1-1/4"	31.4-33.0	-	45.0 MAX.	25	362.5	100	1450	250	1.325	20/40	LPG-20
JDE 421105-38	-24	38.1	1-1/2"	37.7-39.3	-	52.1 MAX.	25	362.5	100	1450	320	1.500	20/40	LPG-24
JDE 421105-51	-32	50.8	2"	50.4-52.0	-	66.0 MAX.	25	362.5	100	1450	400	1.875	20/40	LPG-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped, Smooth



Packing Type: Roll, Pallet, Reel



Outward Appearance:
 ● Black



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LPG Hoses IS 9573 Textile Braided Fluid Hose



Applicable Specs:
■ IS 9573:2012: TYPE-1

Applications:



German Technology Equipment

Product Series:

New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: LPG-XX
Insert: DPX1XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
25 Bar / 362.5 PSI

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Mineral and biological oils, glycol-water based, water, lubricants

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
JDE 421106-06	-04	6.5	1/4"	6.5	-	12.7	25	362.5	100	1450	70	0.170	50/100	LPG-04
JDE 421106-08	-05	8.3	5/16"	8.3	-	14.9	25	362.5	100	1450	95	0.190	50/100	LPG-05
JDE 421106-10	-06	9.5	3/8"	10.7	-	17.3	25	362.5	100	1450	120	0.250	50/100	LPG-06
JDE 421106-12	-08	12.7	1/2'	13.2	-	22.7	25	362.5	100	1450	150	0.410	50/100	LPG-08
JDE 421106-16	-10	16.0	5/8"	16.4	-	25.9	25	362.5	100	1450	185	0.490	50/100	LPG-10
JDE 421106-19	-12	19.0	3/4"	19.2	-	28.7	25	362.5	100	1450	225	0.550	50/100	LPG-12
JDE 421106-25	-16	25.4	1"	25.5	-	38.0	25	362.5	100	1450	300	0.930	50/100	LPG-16

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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CNG Hose Textile Braided Fluid Hose



Applicable Specs:
■ EN 1360 1W ■ SAE J30 R2-Type-3

Applications:



Italy Technology Equipment

Product Series:

New-Standard

Internal hose:
Synthetic rubber resistant to oil and fuel

Reinforcement:
1 layer of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1 MΩ

Fittings:
Ferrule: No-skive Type CNG-XX
Insert: DPX1XX (X: Can choose)

Working Pressure:
5 Bar / 72.5 PSI

Temperature:
• -40 °C to +100 °C
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Designed for use in motor vehicles with CNG installations

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
	Dash Size	mm				inch	bar	psi	bar					psi
JDE 421107-05	-03	5.0	3/16"	4.6-5.4	-	10.30	5	72.5	20	290	50	0.095	50/100	CNG-03
JDE 421107-06	-04	6.0	1/4"	6.2-7.0	-	12.70	5	72.5	20	290	65	0.130	50/100	CNG-04
JDE 421107-08	-05	8.0	5/16"	7.7-8.5	-	14.30	5	72.5	20	290	75	0.156	50/100	CNG-05
JDE 421107-10	-06	10.0	3/8"	9.3-10.1	-	15.90	5	72.5	20	290	75	0.183	50/100	CNG-06
JDE 421107-12	-08	12.0	1/2"	12.3-13.5	-	19.80	5	72.5	20	290	100	0.264	50/100	CNG-08
JDE 421107-16	-10	16.0	5/8"	15.5-16.7	-	23.80	5	72.5	20	290	125	0.302	50/100	CNG-10
JDE 421107-19	-12	19.0	3/4"	18.6-19.8	-	28.60	5	72.5	20	290	150	0.372	50/100	CNG-12
JDE 421107-25	-16	25.0	1"	25.0-26.4	-	34.90	5	72.5	20	290	200	0.550	50/100	CNG-16

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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Industrial Hose



Application



Steam Hose 1SW



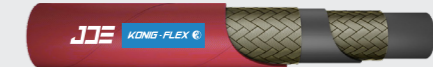
Applicable Specs:
 • BS 5342 Type-2 • EXCEEDS IS 10655



Steam Hose 2SW



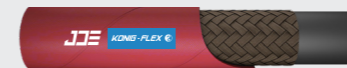
Applicable Specs:
 • BS 5342 Type • EXCEEDS IS 1065 • ISO 6134 Type2



Steam Hose 1TB



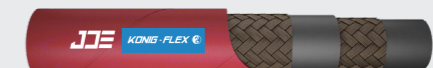
Applicable Specs:
 • STEAM HOSE 1TB



Steam Hose 2TB



Applicable Specs:
 • STEAM HOSE 2TB



Oil Hose 1TB



Applicable Specs:
 • OIL HOSE 1TB



Oil Hose 2TB



Applicable Specs:
 • OIL HOSE 2TB



Oil Hose 2TB Green



Applicable Specs:
 • OIL HOSE 2TB



Air & Water Hose – Black



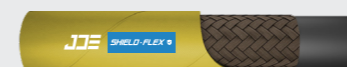
Applicable Specs:
 • EXCEEDS ISO 1402 Type A



Air & Water Hose – Yellow



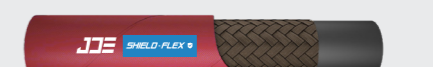
Applicable Specs:
 • EXCEEDS ISO 1402 Type A



Air & Water Hose – Red



Applicable Specs:
 • EXCEEDS ISO 1402 Type A



SAE J30 R6



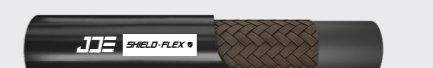
Applicable Specs:
 • EN 1360 1W • SAE J30 R2-Type-3



SAE J20 R3 Heater Hose



Applicable Specs:
 • SAE J20 • SAE J20 R3 • SAE 20 R3
 • SAE J2065 • ISO/TS 16949:2009



Steam Hose 1SW/B Wire Braided Fluid Hose



Applicable Specs:

- BS 5342 Type-2
- EXCEEDS IS 10655

Applications:



German Technology Equipment

Product Series:

-40 °C / +210 °C

Internal hose:
Black colour, EPDM rubber resistant to saturated steam

Reinforcement:
1 layer of steel wire braid

Covering:
Red colour, EPDM resistant to ozone and weather

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
20 Bar / 290 PSI

Temperature:

- High Temperature steam lines up to +210 °C (intermittent +230 °C)
- High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Water, Heated steam

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
KON 713101-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	18.1 MAX.	20	290	80	1160	130	0.390	50/100	DPF2T-06
KON 713101-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.4 MAX.	20	290	80	1160	180	0.472	50/100	DPF2T-08
KON 713101-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	24.5 MAX.	20	290	80	1160	200	0.581	50/100	DPF2T-10
KON 713101-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	28.5 MAX.	20	290	80	1160	240	0.690	50/100	DPF2T-12
KON 713101-25	-16	25.4	1"	25.0-26.4	32.5-34.1	36.6 MAX.	20	290	80	1160	300	0.830	50/100	DPF2T-16
KON 713101-32	-20	31.8	1-1/4"	31.4-33.0	39.3-41.7	44.8 MAX.	20	290	80	1160	420	1.325	20/40	DPF2T-20
KON 713101-38	-24	38.1	1-1/2"	37.7-39.3	45.6-48.0	52.1 MAX.	20	290	80	1160	500	1.500	20/40	DPF2T-24
KON 713101-51	-32	50.8	2"	50.4-52.0	58.7-61.7	65.5 MAX.	20	290	80	1160	630	1.875	20/40	DPF2T-32

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: Red

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

Steam Hose 2SW/B Wire Braided Fluid Hose



Applicable Specs:

- BS 5342 Type-2
- EXCEEDS IS 10655
- ISO 6134 Type2

Applications:



German Technology Equipment

Product Series:

-40 °C / +210 °C

Internal hose:
Black colour, EPDM rubber resistant to saturated steam

Reinforcement:
2 layers of steel wire braid

Covering:
Red colour, EPDM resistant to ozone and weather

Fittings:
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
20 Bar / 290 PSI

Temperature:

- High Temperature steam lines up to +210 °C (intermittent +230 °C)
- High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
- Prolonged operation at extreme temperatures will reduce hoses life

Media:
Water, Heated steam

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
KON 713102-10	-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.7 MAX.	20	290	80	1160	130	0.560	50/100	DPF2T-06
KON 713102-12	-08	12.7	1/2"	12.3-13.5	17.5-19.1	23.0 MAX.	20	290	80	1160	180	0.640	50/100	DPF2T-08
KON 713102-16	-10	16.0	5/8"	15.5-16.7	20.6-22.2	26.2 MAX.	20	290	80	1160	200	0.732	50/100	DPF2T-10
KON 713102-19	-12	19.0	3/4"	18.6-19.8	24.6-26.2	30.1 MAX.	20	290	80	1160	240	0.930	50/100	DPF2T-12
KON 713102-25	-16	25.4	1"	25.0-26.4	32.5-34.1	38.9 MAX.	20	290	80	1160	300	1.360	50/100	DPF2T-16

Marking / Layline (Printing, Ink, Embossed)

Cover Type: Wrapped, Smooth

Packing Type: Roll, Pallet, Reel

Outward Appearance: Red

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

Steam Hose 1TB Textile Braided Fluid Hose



Applicable Specs:
■ STEAM HOSE 1TB

Applications:



Italy Technology Equipment

Product Series:

-40 °C / +210 °C

- Internal hose:**
Black colour, EPDM rubber resistant to saturated steam
- Reinforcement:**
1 layer of textile/cotton fiber braid
- Covering:**
Red colour, EPDM resistant to ozone and weather
- Fittings:**
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:**
12-35 Bar/174-507.5 PSI
- Temperature:**
 - High Temperature steam lines up to +210 °C (intermittent +230 °C)
 - High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:**
Water, Heated steam

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 713101-05 1TB	-03	4.8	3/16"	4.4-5.2	-	10.0-11.6	35	507.5	140	2030	50	0.100	50/100	PUSH-ON-R6/1TE-03
KON 713101-06 1TB	-04	6.4	1/4"	5.9-6.9	-	11.6-13.2	28	406	112	1624	65	0.110	50/100	PUSH-ON-R6/1TE-04
KON 713101-08 1TB	-05	8.0	5/16"	7.4-8.4	-	13.1-14.7	28	406	112	1624	75	0.130	50/100	PUSH-ON-R6/1TE-05
KON 713101-10 1TB	-06	9.5	3/8"	9.0-10.0	-	14.7-16.3	28	406	112	1624	75	0.160	50/100	PUSH-ON-R6/1TE-06
KON 713101-12 1TB	-08	12.7	1/2"	12.1-13.3	-	17.7-19.7	28	406	112	1624	100	0.220	50/100	PUSH-ON-R6/1TE-08
KON 713101-16 1TB	-10	16.0	5/8"	15.3-16.5	-	21.9-23.9	24	348	96	1392	125	0.270	50/100	PUSH-ON-R6/1TE-10
KON 713101-19 1TB	-12	19.0	3/4"	18.2-19.8	-	25.4-27.8	21	304.5	84	1218	150	0.330	50/100	PUSH-ON-R6/1TE-12
KON 713101-25 1TB	-16	25.4	1"	24.6-26.2	-	32.2-34.6	12	174	48	696	155	0.500	50/100	PUSH-ON-R6/1TE-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:**
Wrapped, Smooth
 - Packing Type:**
Roll, Pallet, Reel
 - Outward Appearance:**
● Red, ● Black, ● Green, ● Blue
- Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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Steam Hose 2TB Textile Braided Fluid Hose



Applicable Specs:
■ STEAM HOSE 2TB

Applications:



Italy Technology Equipment

Product Series:

-40 °C / +210 °C

- Internal hose:**
Black colour, EPDM rubber resistant to saturated steam
- Reinforcement:**
2 layers of textile/cotton fiber braid
- Covering:**
Red colour, EPDM resistant to ozone and weather
- Fittings:**
Ferrule: No-skive Type DPF2T •
Insert: DPX2XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



- Working Pressure:**
20 Bar / 290 PSI
- Temperature:**
 - High Temperature steam lines up to +210 °C (intermittent +230 °C)
 - High Temperature transport liquid, -40 °C to +135 °C (intermittent 155 °C)
 - Prolonged operation at extreme temperatures will reduce hoses life
- Media:**
Water, Heated steam

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
KON 713102-08 2TB	-05	8.0	5/16"	7.6-8.5	-	16.7-18.3	20	290	80	1160	100	0.280	50/100	PUSH-ON-R3-05
KON 713102-10 2TB	-06	9.5	3/8"	9.2-10.1	-	18.3-19.8	20	290	80	1160	100	0.300	50/100	PUSH-ON-R3-06
KON 713102-12 2TB	-08	12.7	1/2"	12.4-13.5	-	23.0-24.6	20	290	80	1160	125	0.420	50/100	PUSH-ON-R3-08
KON 713102-16 2TB	-10	16.0	5/8"	15.6-16.7	-	26.2-27.8	20	290	80	1160	140	0.470	50/100	PUSH-ON-R3-10
KON 713102-19 2TB	-12	19.0	3/4"	18.7-19.8	-	31.0-32.5	20	290	80	1160	150	0.680	50/100	PUSH-ON-R3-12
KON 713102-25 2TB	-16	25.4	1"	25.1-26.2	-	36.9-39.3	20	290	80	1160	205	0.900	50/100	PUSH-ON-R3-16

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:**
Wrapped, Smooth
 - Packing Type:**
Roll, Pallet, Reel
 - Outward Appearance:**
● Red
- Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

Powered by DME&JDE Group

Oil Hose 1TB Textile Braided Fluid Hose



Applicable Specs:
■ OIL HOSE 1TB

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
1 layer of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type PUSH-ON-R6/1TE
Insert: PUSH-ON-R6/1TE (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
12–20 Bar / 174–290 PSI

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hose designed for oil delivery

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 711106-05	-03	4.8	3/16"	4.4-5.2	/	10.0-11.6	20	290	80	1160	50	0.100	50/100	PUSH-ON-R6/1TE-03
JDE 711106-06	-04	6.4	1/4"	5.9-6.9	/	11.6-13.2	20	290	80	1160	65	0.110	50/100	PUSH-ON-R6/1TE-04
JDE 711106-08	-05	8.0	5/16"	7.4-8.4	/	13.1-14.7	20	290	80	1160	75	0.130	50/100	PUSH-ON-R6/1TE-05
JDE 711106-10	-06	9.5	3/8"	9.0-10.0	/	14.7-16.3	20	290	80	1160	75	0.160	50/100	PUSH-ON-R6/1TE-06
JDE 711106-12	-08	12.7	1/2"	12.1-13.3	/	17.7-19.7	20	290	80	1160	100	0.220	50/100	PUSH-ON-R6/1TE-08
JDE 711106-16	-10	16.0	5/8"	15.3-16.5	/	21.9-23.9	20	290	80	1160	125	0.270	50/100	PUSH-ON-R6/1TE-10
JDE 711106-19	-12	19.0	3/4"	18.2-19.8	/	25.4-27.8	20	290	80	1160	150	0.330	50/100	PUSH-ON-R6/1TE-12
JDE 711106-25	-16	25.4	1"	24.6-26.2	/	32.2-34.6	12	174	48	696	155	0.500	50/100	PUSH-ON-R6/1TE-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped, Smooth
Packing Type: Roll, Pallet, Reel
Outward Appearance: ● Black, ● Red, ● Green, ● Blue



Powered by DME&JDE Group

Oil Hose 2TB Textile Braided Fluid Hose



Applicable Specs:
■ OIL HOSE 2TB

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type PUSH-ON-R3
Insert: PUSH-ON-R3 (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
20 Bar / 290 PSI

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hose designed for oil delivery

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 711103-05	-03	4.8	3/16"	4.5-5.4	-	11.9-13.5	20	290	80	1160	75	0.130	50/100	PUSH-ON-R3-03
JDE 711103-06	-04	6.4	1/4"	6.1-7.0	-	13.5-15.1	20	290	80	1160	75	0.180	50/100	PUSH-ON-R3-04
JDE 711103-08	-05	8.0	5/16"	7.6-8.5	-	16.7-18.3	20	290	80	1160	100	0.280	50/100	PUSH-ON-R3-05
JDE 711103-10	-06	9.5	3/8"	9.2-10.1	-	18.3-19.8	20	290	80	1160	100	0.300	50/100	PUSH-ON-R3-06
JDE 711103-12	-08	12.7	1/2"	12.4-13.5	-	23.0-24.6	20	290	80	1160	125	0.420	50/100	PUSH-ON-R3-08
JDE 711103-16	-10	16.0	5/8"	15.6-16.7	-	26.2-27.8	20	290	80	1160	140	0.470	50/100	PUSH-ON-R3-10
JDE 711103-19	-12	19.0	3/4"	18.7-19.8	-	31.0-32.5	20	290	80	1160	150	0.680	50/100	PUSH-ON-R3-12
JDE 711103-25	-16	25.4	1"	25.1-26.2	-	36.9-39.3	20	290	80	1160	205	0.900	50/100	PUSH-ON-R3-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped
Packing Type: Roll, Pallet, Reel
Outward Appearance: ● Black, ● Red, ● Green, ● Blue



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Oil Hose 2TB Green Textile Braided Fluid Hose



Applicable Specs:
■ OIL HOSE 2TB

Applications:



Italy Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:
Synthetic rubber, extruded whole without joints, of uniform thickness

Reinforcement:
2 layers of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

Fittings:
Ferrule: No-skive Type PUSH-ON-R3 •
Insert: PUSH-ON-R3 (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
20 Bar / 290 PSI

Temperature:
• -40 °C to +100 °C (intermittent 120 °C)
• -40 °C to +70 °C for water based fluids
• 0 °C to +70 °C hot air
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Hose designed for oil delivery

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code	
JDE 715103-05	-03	4.8	3/16"	4.5-5.4	-	11.9-13.5	20	290	80	1160	75	0.130	50/100	PUSH-ON-R3-03
JDE 715103-06	-04	6.4	1/4"	6.1-7.0	-	13.5-15.1	20	290	80	1160	75	0.180	50/100	PUSH-ON-R3-04
JDE 715103-08	-05	8.0	5/16"	7.6-8.5	-	16.7-18.3	20	290	80	1160	100	0.280	50/100	PUSH-ON-R3-05
JDE 715103-10	-06	9.5	3/8"	9.2-10.1	-	18.3-19.8	20	290	80	1160	100	0.300	50/100	PUSH-ON-R3-06
JDE 715103-12	-08	12.7	1/2"	12.4-13.5	-	23.0-24.6	20	290	80	1160	125	0.420	50/100	PUSH-ON-R3-08
JDE 715103-16	-10	16.0	5/8"	15.6-16.7	-	26.2-27.8	20	290	80	1160	140	0.470	50/100	PUSH-ON-R3-10
JDE 715103-19	-12	19.0	3/4"	18.7-19.8	-	31.0-32.5	20	290	80	1160	150	0.680	50/100	PUSH-ON-R3-12
JDE 715103-25	-16	25.4	1"	25.1-26.2	-	36.9-39.3	20	290	80	1160	205	0.900	50/100	PUSH-ON-R3-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Green

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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Air & Water Hose – Black Textile Braided Fluid Hose



Applicable Specs:

■ EXCEEDS ISO 1402 Type A

Applications:



Italy Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

Internal hose:
Synthetic rubber

Reinforcement:
1 layer of textile braid high tensile synthetic yarn

Covering:
Synthetic rubber, resistant to oils, ozone

Fittings:
DME logo fittings: AIR BRAKE-XX (X: Can choose) •
Certificate: MSHA & BV & GOST & IATF 16949 & ISO 9001 & ISO 14001 & ISO 45001 & DAKKS & SGS & MA & DEKRA Approved

Working Pressure:
20 Bar / 290 PSI

Temperature:
• -40 °C to +100 °C

Media:
Automotive Air Brake System: Tractor-Trailer Air Brake connections. Hose designed for Air, water delivery

#	Hose Size		I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule	
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 711101-06	-04	6.4	1/4"	6.1-7.0	12.4±0.4	15.5±0.4	20	290	40	580	51	0.27	50	AIR BRAKE-04
JDE 711101-08	-05	8.0	5/16"	7.6-8.5	14.4±0.4	17.5±0.4	20	290	40	580	67	0.35	50	AIR BRAKE-05
JDE 711101-10	-06	9.5	3/8"	9.5-10.1	16.9±0.4	20.0±0.4	20	290	40	580	83	0.39	50	AIR BRAKE-06
JDE 711101-12	-08	12.7	1/2"	12.4-13.5	20.7±0.4	23.5±0.4	20	290	40	580	107	0.49	50	AIR BRAKE-08
JDE 711101-16	-10	16.0	5/8"	15.6-16.7	23.7±0.4	27.5±0.4	20	290	40	580	131	0.53	50	AIR BRAKE-10
JDE 711101-19	-12	19.0	3/4"	18.6-19.8	27.7±0.4	29.7±0.4	20	290	40	580	155	0.70	50	AIR BRAKE-12
JDE 711101-25	-16	25.4	1"	25.0-26.4	33.7±0.4	37.5±0.4	20	290	40	580	203	0.80	50	AIR BRAKE-16
JDE 711101-32	-20	31.8	1-1/4"	31.4-33.0	40.4±0.4	44.5±0.4	20	290	40	580	390	1.10	50	AIR BRAKE-20
JDE 711101-38	-24	38.1	1-1/2"	37.7-39.3	47.6±0.4	50.5±0.4	20	290	40	580	500	1.50	50	AIR BRAKE-24
JDE 711101-51	-32	50.8	2"	50.4-52.0	62.1±0.4	65.5±0.4	20	290	40	580	630	2.00	50	AIR BRAKE-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

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Air & Water Hose – Yellow Textile Braided Fluid Hose



Applicable Specs:
■ EXCEEDS ISO 1402 Type A

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber

Reinforcement:
1 layer of textile braid high tensile synthetic yarn

Covering:
Synthetic rubber, resistant to oils, ozone

Fittings:
DME logo fittings: AIR BRAKE-XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
20 Bar / 290 PSI

Temperature:
• -40 °C to +100 °C

Media:
Automotive Air Brake System: Tractor-Trailer Air Brake connections. Hose designed for Air, water delivery

Air & Water Hose – Red Textile Braided Fluid Hose



Applicable Specs:
■ EXCEEDS ISO 1402 Type A

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber

Reinforcement:
1 layer of textile braid high tensile synthetic yarn

Covering:
Synthetic rubber, resistant to oils, ozone

Fittings:
DME logo fittings: AIR BRAKE-XX (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
20 Bar / 290 PSI

Temperature:
• -40 °C to +100 °C

Media:
Automotive Air Brake System: Tractor-Trailer Air Brake connections. Hose designed for Air, water delivery

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 713101-06	-04	6.4	1/4"	6.1-7.0	12.4±0.4	15.5±0.4	20	290	40	580	51	0.27	50	AIR BRAKE-04
JDE 713101-08	-05	8.0	5/16"	7.6-8.5	14.4±0.4	17.5±0.4	20	290	40	580	67	0.35	50	AIR BRAKE-05
JDE 713101-10	-06	9.5	3/8"	9.5-10.1	16.9±0.4	20.0±0.4	20	290	40	580	83	0.39	50	AIR BRAKE-06
JDE 713101-12	-08	12.7	1/2"	12.4-13.5	20.7±0.4	23.5±0.4	20	290	40	580	107	0.49	50	AIR BRAKE-08
JDE 713101-16	-10	16.0	5/8"	15.6-16.7	23.7±0.4	27.5±0.4	20	290	40	580	131	0.53	50	AIR BRAKE-10
JDE 713101-19	-12	19.0	3/4"	18.6-19.8	27.7±0.4	29.7±0.4	20	290	40	580	155	0.70	50	AIR BRAKE-12
JDE 713101-25	-16	25.4	1"	25.0-26.4	33.7±0.4	37.5±0.4	20	290	40	580	203	0.80	50	AIR BRAKE-16
JDE 713101-32	-20	31.8	1-1/4"	31.4-33.0	40.4±0.4	44.5±0.4	20	290	40	580	390	1.10	50	AIR BRAKE-20
JDE 713101-38	-24	38.1	1-1/2"	37.7-39.3	47.6±0.4	50.5±0.4	20	290	40	580	500	1.50	50	AIR BRAKE-24
JDE 713101-51	-32	50.8	2"	50.4-52.0	62.1±0.4	65.5±0.4	20	290	40	580	630	2.00	50	AIR BRAKE-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped, Smooth
Packing Type: Roll, Pallet, Reel
Outward Appearance: ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue



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#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
	Dash Size	mm	inch				bar	psi	bar	psi				
JDE 714101-06	-04	6.4	1/4"	6.1-7.0	12.4±0.4	15.5±0.4	20	290	40	580	51	0.27	50	AIR BRAKE-04
JDE 714101-08	-05	8.0	5/16"	7.6-8.5	14.4±0.4	17.5±0.4	20	290	40	580	67	0.35	50	AIR BRAKE-05
JDE 714101-10	-06	9.5	3/8"	9.5-10.1	16.9±0.4	20.0±0.4	20	290	40	580	83	0.39	50	AIR BRAKE-06
JDE 714101-12	-08	12.7	1/2"	12.4-13.5	20.7±0.4	23.5±0.4	20	290	40	580	107	0.49	50	AIR BRAKE-08
JDE 714101-16	-10	16.0	5/8"	15.6-16.7	23.7±0.4	27.5±0.4	20	290	40	580	131	0.53	50	AIR BRAKE-10
JDE 714101-19	-12	19.0	3/4"	18.6-19.8	27.7±0.4	29.7±0.4	20	290	40	580	155	0.70	50	AIR BRAKE-12
JDE 714101-25	-16	25.4	1"	25.0-26.4	33.7±0.4	37.5±0.4	20	290	40	580	203	0.80	50	AIR BRAKE-16
JDE 714101-32	-20	31.8	1-1/4"	31.4-33.0	40.4±0.4	44.5±0.4	20	290	40	580	390	1.10	50	AIR BRAKE-20
JDE 714101-38	-24	38.1	1-1/2"	37.7-39.3	47.6±0.4	50.5±0.4	20	290	40	580	500	1.50	50	AIR BRAKE-24
JDE 714101-51	-32	50.8	2"	50.4-52.0	62.1±0.4	65.5±0.4	20	290	40	580	630	2.00	50	AIR BRAKE-32

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Wrapped, Smooth
Packing Type: Roll, Pallet, Reel
Outward Appearance: ● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue



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SAE J20 R3 Heater Hose

Applicable Specs:

- SAE J20
- SAE J20 R3
- SAE 20 R3
- SAE J2065
- ISO/TS 16949:2009

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Internal hose:
High quality EPDM rubber

Reinforcement:
High tensile synthetic textile (PET)

Covering:
High quality EPDM rubber

Fittings:
Ferrule: No-skive Type PUSH-ON-R6/1TE
Insert: PUSH-ON-R6/1TE (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
5–10.3 Bar / 72.5–150 PSI

Temperature:
• -40 °C to +150 °C (-40 °F to +300 °F)
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Water, alcohol, antifreeze fluid

SAE J30 R6 Textile Braided Fluid Hose



Applicable Specs:

- EN 1360 1W
- SAE J30 R2-Type-3

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Internal hose:
Synthetic rubber resistant to petrol and diesel fuel, extruded whole without joints, of uniform thickness. Anti-static electricity: R < 1MΩ

Reinforcement:
1 layer of textile braid

Covering:
Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. Anti-static electricity: R < 1MΩ

Fittings:
Ferrule: No-skive Type PUSH-ON-R6/1TE
Insert: PUSH-ON-R6/1TE (X: Can choose)
Certificate: MSHA & BV & GOST & IATF 16949
& ISO 9001 & ISO 14001 & ISO 45001
& DAKKS & SGS & MA & DEKRA Approved



Working Pressure:
2.75–8.6 Bar / 39.875–124.7 PSI

Temperature:
• -40 °C to +100 °C
• Prolonged operation at extreme temperatures will reduce hoses life

Media:
Petrol and diesel fuel dispensing lines

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 721106-04	-04	6.0	1/4"	6.2-7.0	/	14.0 (max)	10.3	150	17.2	250	60	0.29	50	PUSH-ON-R6/1TE-04
JDE 721106-08	-05	7.9	5/16"	7.7-8.5	/	15.5 (max)	10.3	150	17.2	250	65	0.35	50	PUSH-ON-R6/1TE-05
JDE 721106-10	-06	9.5	3/8"	9.0-10.0	/	14.7-16.3	10.3	150	17.2	250	70	0.39	50	PUSH-ON-R6/1TE-06
JDE 721106-11	-6.5	10.0	13/32"	9.3-10.1	/	17.1 (max)	10.3	150	17.2	250	70	0.41	50	PUSH-ON-R6/1TE-06
JDE 721106-12	-08	12.7	1/2"	12.1-13.3	/	17.7-19.7	10.3	150	17.2	250	100	0.49	50	PUSH-ON-R6/1TE-08
JDE 721106-16	-10	15.9	5/8"	15.3-16.5	/	21.9-23.9	10.3	150	17.2	250	125	0.53	50	PUSH-ON-R6/1TE-10
JDE 721106-18	-11	17.5	11/16"	16.9-17.5	/	24.5 (max)	10.3	150	17.2	250	130	0.65	20	PUSH-ON-R6/1TE-10
JDE 721106-19	-12	19.0	3/4"	18.2-19.8	/	25.4-27.8	10.3	150	13.8	200	150	0.70	20	PUSH-ON-R6/1TE-12
JDE 721106-25	-16	25.4	1"	24.6-26.2	/	33.4 (max)	10.3	150	12.0	175	155	0.80	20	PUSH-ON-R6/1TE-16
JDE 721106-32	-20	31.8	1-1/4"	31.4-33.0	/	44.5±0.4	5.0	72.5	20.0	290	200	1.10	50	PUSH-ON-R6/1TE-20
JDE 721106-38	-24	38.1	1-1/2"	37.7-39.3	/	50.5±0.4	5.0	72.5	20.0	290	230	1.50	50	PUSH-ON-R6/1TE-24
JDE 721106-51	-32	50.8	2"	50.4-52.0	/	65.5±0.4	5.0	72.5	20.0	290	300	2.00	50	PUSH-ON-R6/1TE-32

Marking / Layline (Printing, Ink)



Cover Type:
Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black



Powered by DME&JDE Group

#	Hose Size			I.D.	R.O.D.	O.D.	Operating Pressure		Burst Pressure		Bend Radius	Weight	Length Per PCS	Ferrule
Part Number	Dash Size	mm	inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter	DME Code
JDE 821106-05	-03	5.0	3/16"	4.6-5.4	-	11.9 MAX.	8.6	124.7	17.2	249.4	50	0.095	50	FUEL-03
JDE 821106-06	-04	6.0	1/4"	6.2-7.0	-	13.2 MAX.	8.6	124.7	17.2	249.4	65	0.130	50	FUEL-04
JDE 821106-08	-05	8.0	5/16"	7.7-8.5	-	14.8 MAX.	8.6	124.7	17.2	249.4	75	0.156	50	FUEL-05
JDE 821106-10	-06	10.0	3/8"	9.3-10.1	-	16.4 MAX.	6.0	87.0	12.0	174.0	75	0.183	50	FUEL-06
JDE 821106-12	-08	12.0	1/2"	12.3-13.5	-	24.6 MAX.	6.0	87.0	12.0	174.0	100	0.264	50	FUEL-08
JDE 821106-16	-10	16.0	5/8"	15.5-16.7	-	24.6 MAX.	6.0	87.0	12.0	174.0	125	0.302	50	FUEL-10
JDE 821106-19	-12	19.0	3/4"	18.6-19.8	-	29.3 MAX.	6.0	87.0	12.0	174.0	150	0.372	50	FUEL-12
JDE 821106-25	-16	25.4	1"	25.0-26.4	-	36.5 MAX.	6.0	87.0	12.0	174.0	190	0.830	50	FUEL-16

Marking / Layline (Printing, Ink, Embossed)



Cover Type:
Wrapped, Smooth

Packing Type:
Roll, Pallet, Reel

Outward Appearance:
● Black, ● Red, ● Gray, ● Yellow, ● Green, ● Blue



Powered by DME&JDE Group



PTFE HOSE



Application

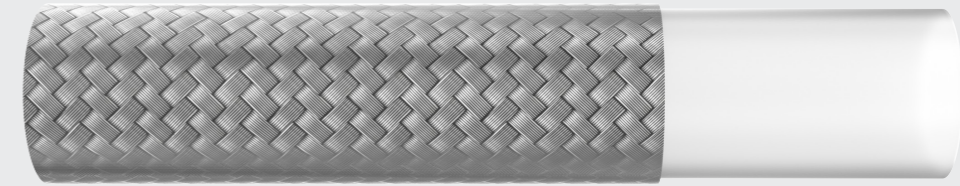


Smooth Bore PTFE Hose



Applicable Specs:

- European technical design standard
- SAE J517 R14

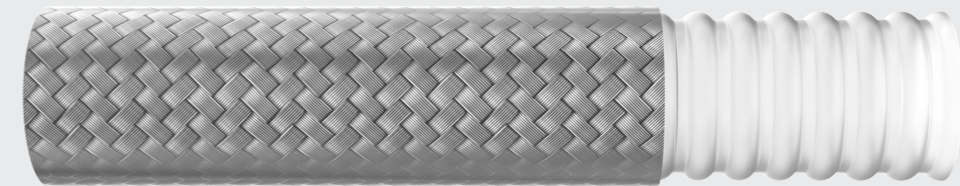


Convolute PTFE Hose



Applicable Specs:

- European technical design standard
- Easy Flow



Smooth Bore PTFE (Polytetrafluorethylene) Resin Hose with AISI 304

Applicable Specs:
 ■ European technical design standard ■ SAE J517 R14

Applications:

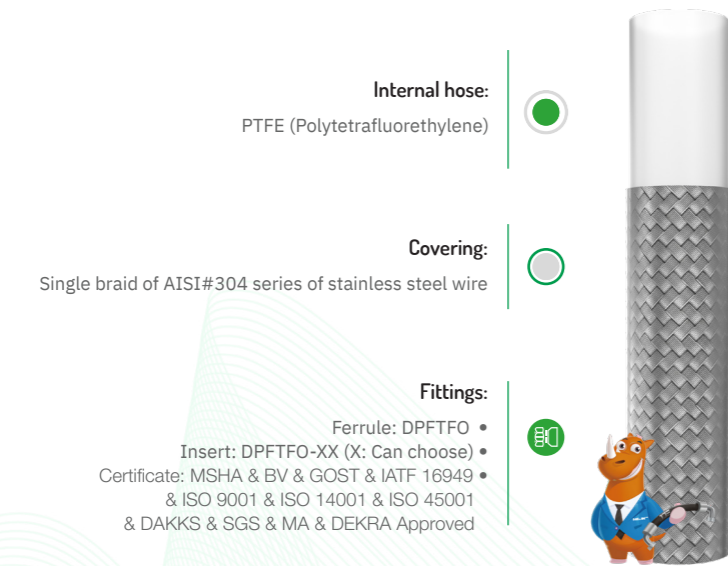


German Technology Equipment

Product Series:

SHIELD FLEX

New-Standard



- Working Pressure:**
80–276 Bar / 1160–4002 PSI
- Temperature:**
• -55 °C to +210 °C (intermittent 260 °C)
- Media:**
P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria.

#	Hose Size		I.D.	O.D.	Operating Pressure		Burst Pressure	Weight	Bend Radius	Ferrule	
	mm	inch			bar	psi					bar
JDE 337414-04	4.9	1/8"	4.7-5.2	7.4-8.0	276	4002	828	12006	0.075	40	DPFTFO-02
JDE 337414-05	5.1	3/16"	4.7-5.2	7.4-8.0	264	3828	800	11600	0.075	40	DPFTFO-03
JDE 337414-06	6.7	1/4"	6.4-6.7	9.0-9.7	224	3248	700	10150	0.095	63	DPFTFO-04
JDE 337414-08	8.4	5/16"	7.9-8.3	10.9-11.5	207	3001.5	621	9005	0.14	75	DPFTFO-05
JDE 337414-10	10.3	3/8"	9.8-10.3	12.5-13.2	183	2653.5	540	7830	0.15	35	DPFTFO-06
JDE 337414-13	13.4	1/2"	12.8-13.3	15.9-17.0	161	2334.5	480	6960	0.225	70	DPFTFO-08
JDE 337414-16	16.6	5/8"	15.8-16.5	19.0-20.5	115	1667.5	400	5800	0.252	130	DPFTFO-10
JDE 337414-19	19.8	3/4"	18.8-19.8	22.0-24.0	103	1493.5	360	5220	0.35	190	DPFTFO-12
JDE 337414-22	22.1	7/8"	22.0-22.6	25.6-26.2	92	1334	320	4640	0.41	245	DPFTFO-14
JDE 337414-25	26.1	1"	24.8-26.2	28.6-30.0	80	1160	260	3770	0.5	270	DPFTFO-16

Marking / Layline (Printing, Ink)



Cover Type: Single Braid of AISI#304 Series Of Stainless Steel Wire

Packing Type: Roll, Pallet

Outward Appearance: AISI#304

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF

Convuluted PTFE (Polytetrafluorethylene) Resin Hose with AISI 304

Applicable Specs:
 ■ European technical design standard ■ Easy Flow

Applications:

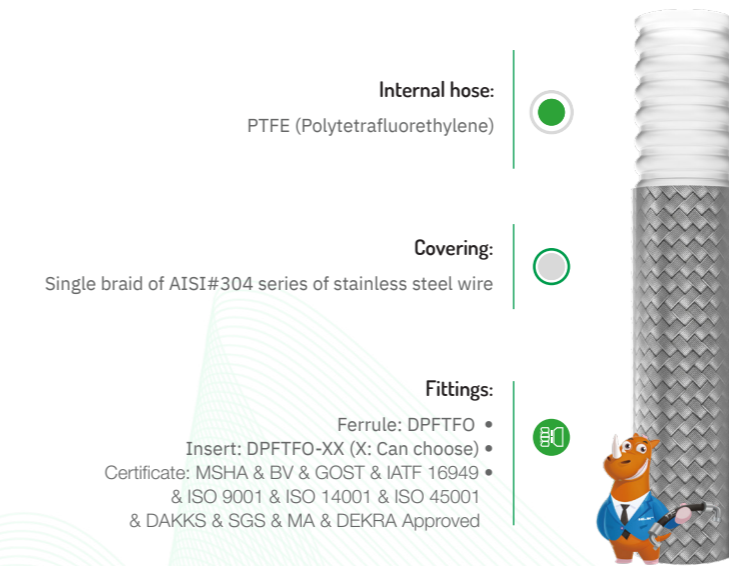


German Technology Equipment

Product Series:

EASY-FIT EASY-FLEX

No-Skive



- Working Pressure:**
26–172 Bar / 381–2494 PSI
- Temperature:**
• -55 °C to +210 °C (intermittent 260 °C)
- Media:**
Easy Flow -P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria.

#	Hose Size		I.D.	O.D.	Operating Pressure		Burst Pressure	Weight	Bend Radius	Ferrule	
	mm	inch			bar	psi					bar
JDE 337414-06 C	6.7	1/4"	6.4-6.7	11.5-13.5	172	2494	517	7497	0.135	10	DPFTFO-04
JDE 337414-08 C	8.4	5/16"	7.9-8.3	12.5-14.0	138	2001	414	6003	0.156	15	DPFTFO-05
JDE 337414-10 C	10.3	3/8"	9.8-10.3	14.5-15.8	138	2001	414	6003	0.21	20	DPFTFO-06
JDE 337414-13 C	13.4	1/2"	12.7-13.3	18.0-19.5	103	1494	350	5075	0.272	25	DPFTFO-08
JDE 337414-16 C	16.6	5/8"	15.8-16.5	22.5-23.5	83	1204	249	3611	0.377	30	DPFTFO-10
JDE 337414-19 C	19.8	3/4"	18.8-19.8	26.0-27.5	69	1001	210	3045	0.42	50	DPFTFO-12
JDE 337414-25 C	26.1	1"	24.8-25.8	32.0-34.0	46	667	180	2610	0.6	60	DPFTFO-16
JDE 337414-32 C	32	1-1/4"	31.5-33.0	40.0-41.6	37.5	544	150	2175	0.1	80	DPFTFO-20
JDE 337414-38 C	38	1-1/2"	37.5-39.0	47.5-50.0	55	798	110	1595	0.115	100	DPFTFO-24
JDE 337414-51 C	51	2"	49.0-51.5	60.5-63.0	26	381	105	1523	0.17	125	DPFTFO-32

Marking / Layline (Printing, Ink)



Cover Type: Single Braid of AISI#304 Series Of Stainless Steel Wire

Packing Type: Roll, Pallet

Outward Appearance: AISI#304

Certificate: ISO 9001, ISO 14001, MSHA, DAKKS, DEKRA, DIN, SAE, MA, WSF



A/C HOSE



Application



Type C 5 Layer Braiding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664



Type C 7 Layer Winding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664

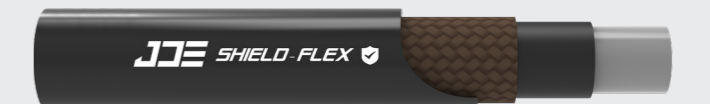


Type E 4 Layer Braiding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664

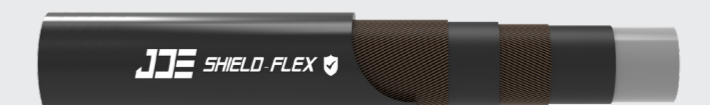


Type E 6 Layer Winding



Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664



Type C 5 Layer Braiding

Applicable Specs:

SAE J2064 SAE J3062 QC/T664

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Tube:

EPDM/CSM/IIR



Barrier:

PA/NYLON



Friction:

EPDM/CSM/IIR



Reinforcement:

Braided PET/PVA



Cover:

EPDM



Fittings:

DPFR134a-XX (X: Can choose)



Working Pressure:

35 Bar / 500 PSI



Temperature:

-40 °C to +135 °C



Media:

- refrigerant
- R134a
- R404a
- R1234yf



#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure	Bend Radius	Permeability	Ferrule	
	Inch	Spec					bar	psi					kg/m ³ /year
JDE 321404-08 TC	5/16"	8.2 × 19.0	8.2±0.2	19.0±0.3	5.5	0.4	35	500	210	3000	55.0	1.9	DPFR134a-05
JDE 321404-10 C	13/32"	10.5 × 23.0	10.5±0.2	23.0±0.3	6.2	0.4	35	500	210	3000	65.0	1.9	DPFR134a-06
JDE 321404-13 AC	1/2" A	13.0 × 25.4	13.0±0.2	25.4±0.3	6.2	0.4	35	500	220	3200	75.0	1.9	DPFR134a-08
JDE 321404-13 BC	1/2" B	13.0 × 23.0	13.0±0.2	23.0±0.3	5.0	0.4	35	500	220	3200	70.0	1.9	DPFR134a-08
JDE 321404-16 C	5/8"	16.0 × 28.6	16.0±0.2	28.6±0.3	6.1	0.4	15	200	180	2600	85.0	1.9	DPFR134a-10
JDE 321404-08 C	φ8.0	8.2 × 15.2	8.2±0.2	15.2±0.3	3.5	0.4	35	500	280	3300	55.0	1.9	DPFR134a-05
JDE 321404-11 C	φ11.2	11.4 × 18.4	11.4±0.2	18.4±0.3	3.5	0.4	35	500	220	3200	70.0	1.9	DPFR134a-06
JDE 321404-13 C	φ13.0	13.0 × 21.0	13.0±0.2	21.0±0.3	4.0	0.4	35	500	200	2900	75.0	1.9	DPFR134a-08
JDE 321404-15 C	φ15.2	15.2 × 23.0	15.2±0.2	23.0±0.3	3.9	0.4	35	500	180	2600	85.0	1.9	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Smooth, Wrapped



Packing Type: Roll, Pallet



Outward Appearance: ● Black



Type C 7 Layer Winding

Applicable Specs:

SAE J2064 SAE J3062 QC/T664

Applications:



Italy Technology Equipment

Product Series:



New-Standard

Tube:

EPDM/CSM/IIR



Barrier:

PA/NYLON



Friction:

EPDM/CSM/IIR



Reinforcement:

Winding PET/PVA



Cover:

EPDM



Fittings:

DPFR134a-XX (X: Can choose)



Working Pressure:

15-35 Bar / 200-500 PSI



Temperature:

-40 °C to +135 °C



Media:

- refrigerant
- R134a
- R404a
- R1234yf



#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure	Bend Radius	Permeability	Ferrule	
	Inch	Spec					bar	psi					kg/m ³ /year
JDE 321413-08 C	5/16"	8.2 × 19.0	8.2±0.2	19.0±0.3	5.5	0.4	35	500	210	3000	55.0	1.9	DPFR134a-05
JDE 321413-10 C	13/32"	10.5 × 23.0	10.5±0.2	23.0±0.3	6.2	0.4	35	500	210	3000	65.0	1.9	DPFR134a-06
JDE 321413-13 AC	1/2" A	13.0 × 25.4	13.0±0.2	25.4±0.3	6.2	0.4	35	500	220	3200	75.0	1.9	DPFR134a-08
JDE 321413-13 BC	1/2" B	13.0 × 23.0	13.0±0.2	23.0±0.3	5.0	0.4	35	500	220	3200	70.0	1.9	DPFR134a-08
JDE 321413-16 C	5/8"	16.0 × 28.6	16.0±0.2	28.6±0.3	6.1	0.4	15	200	180	2600	85.0	1.9	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)



Cover Type: Smooth, Wrapped



Packing Type: Roll, Pallet



Outward Appearance: ● Black



Type E 4 Layer Braiding

Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664

Applications:



Italy Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

- Barrier:** PA/NYLON
- Friction:** EPDM/CSM/IIR
- Reinforcement:** Braided PET/PVA
- Cover:** EPDM



- Fittings:** DPF134a-XX (X: Can choose)
- Working Pressure:** 35 Bar / 500 PSI
- Temperature:** -40 °C to +135 °C
- Media:** refrigerant
 - R134a
 - R404a
 - R1234yf

#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure	Bend Radius	Permeability	Ferrule	
	Inch	Spec					bar	psi					bar
JDE 321404-08 E	φ8.0	8.2 × 15.2	8.2±0.2	15.2±0.3	3.5	0.4	35	500	280	3300	55.0	1.9	DPFR134a-05
JDE 321404-11 E	φ11.2	11.4 × 18.4	11.4±0.2	18.4±0.3	3.5	0.4	35	500	220	3200	70.0	1.9	DPFR134a-06
JDE 321404-13 E	φ13.0	13.0 × 21.0	13.0±0.2	21.0±0.3	4.0	0.4	35	500	200	2900	75.0	1.9	DPFR134a-08
JDE 321404-15 E	φ15.2	15.2 × 23.0	15.2±0.2	23.0±0.3	3.9	0.4	35	500	180	2600	85.0	1.9	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)



- Cover Type:** Smooth, Wrapped
- Packing Type:** Roll, Pallet
- Outward Appearance:** Black



Type E 6 Layer Winding

Applicable Specs:

- SAE J2064
- SAE J3062
- QC/T664

Applications:



Italy Technology Equipment

Product Series:

SHIELD FLEX

New-Standard

- Barrier:** PA/NYLON
- Friction:** EPDM/CSM/IIR
- Reinforcement:** Braided PET/PVA
- Cover:** EPDM



- Fittings:** DPF134a-XX (X: Can choose)
- Working Pressure:** 15-35Bar/200-500PSI
- Temperature:** -40 °C to +135 °C
- Media:** refrigerant
 - R134a
 - R404a
 - R1234yf

#	Hose Size		I.D.	O.D.	W.T.	W.D.	Operating Pressure		Burst Pressure	Bend Radius	Permeability	Ferrule	
	Inch	Spec					bar	psi					bar
JDE 321413-08 E	5/16"	8.2 × 19.0	8.2±0.2	19.0±0.3	5.5	0.4	35	500	210	3000	55.0	1.6	DPFR134a-05
JDE 321413-10 E	13/32"	10.5 × 23.0	10.5±0.2	23.0±0.3	6.2	0.4	35	500	210	3000	65.0	1.6	DPFR134a-06
JDE 321413-13 E	1/2" A	13.0 × 25.4	13.0±0.2	25.4±0.3	6.2	0.4	35	500	220	3200	70.0	1.6	DPFR134a-08
JDE 321413-13 E	1/2" B	13.0 × 23.0	13.0±0.2	23.0±0.3	5.0	0.4	35	500	220	3200	70.0	1.6	DPFR134a-08
JDE 321413-16 E	5/8"	16.0 × 28.6	16.0±0.2	28.6±0.3	6.1	0.4	15	200	180	2600	85.0	1.6	DPFR134a-10

Marking / Layline (Printing, Ink, Embossed)




- Cover Type:** Smooth, Wrapped
- Packing Type:** Roll, Pallet
- Outward Appearance:** Black



IMAGE & VIDEO GALLERY

Corporate & Workshop

With years of experience, DME&JDE have developed and is continuously developing. Step into the Corporate and workshop, and know more about DME&JDE spirit, culture and strength.




Office Building



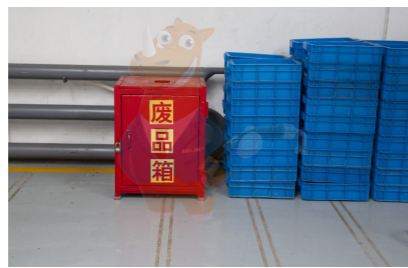
Flexible Hoses Workshop



Fluid Connector Workshop



Raw Material Area



Waste Area



Working Principles



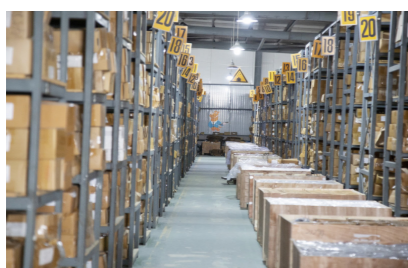
Quality Control Center



Ready-to-Package Area



Warehouse



Warehouse



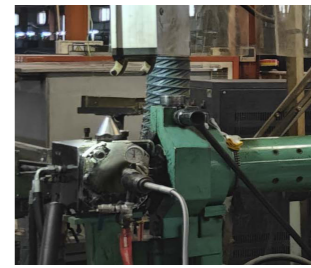
Meeting



Team Discussing

Production Line

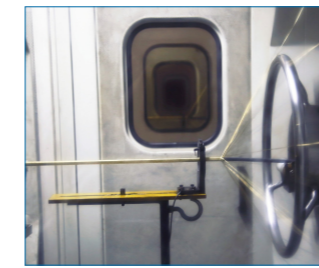
Advanced equipment, strict working principle guarantee the flexible hoses, fluid connector and hose assembly accurate dimensions and comply and even exceed international standard.



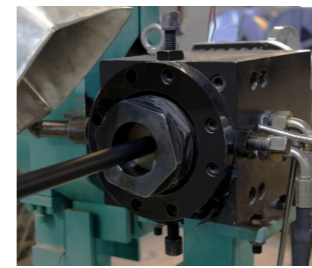
Inner Tube Production



Steel Wire Preparation



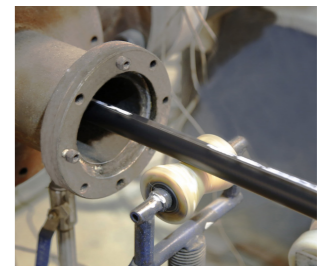
Reinforcement Layer Production



Outer Cover Production



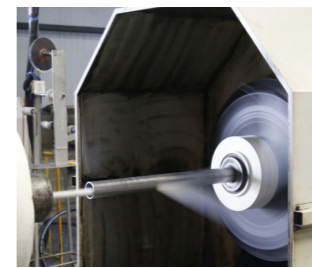
Fiber Reinforcement Wrapping



Labeling



Packaging



Fiber Reinforcement Wrapping



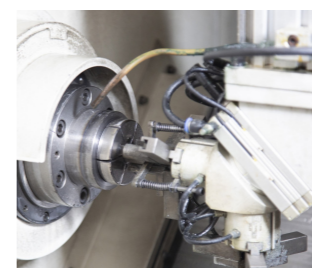
CNC Workshop



CNC Machine



Worker Operating



Fluid Connector Producing



Semi-Products



Laser Marking



O ring installation



Manual Assembling




Machine Assembling



Package

Quality Control

Strict quality control system guarantee our products are qualified and even exceed industrial standard to reduce defective rate, reduce downtime and enhance equipment performance.




Sulfuring Testing



Tensile Testing



Mooney Viscosity Testing



Impulse Testing



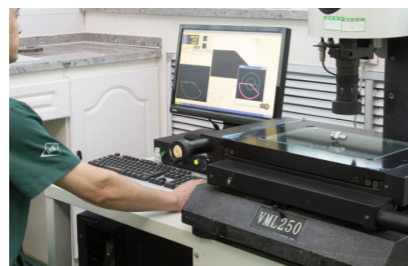
Ozone Resistance Testing



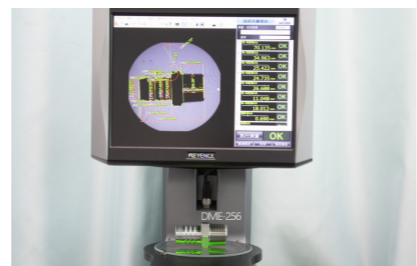
Salt Spray Testing



Trilinear Coordinates Test



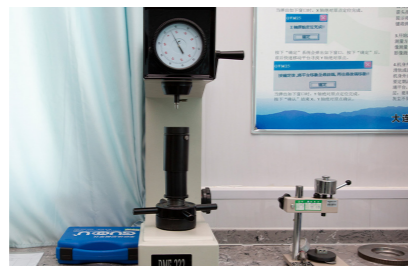
Coordinate Projection Test



Automatic Image Inspection



Roughness Test



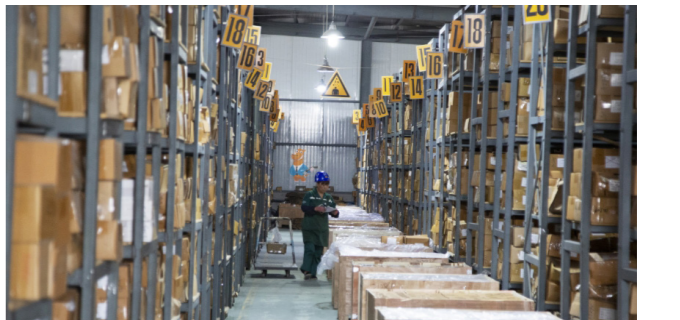
Hardness Test



Spectrometer Material Testing

Package & Warehouse

Perfect standard package guarantee the perfect condition of products. Flexible custom package make more possibilities to suit different distributors and customers requirements and eliminate worries.



Roll Package



Carton Package



Pallet Package - Fluid Connector



Pallet Package - Flexible Hoses



Reel Package - Hydraulic Hose



Carton Package - Fluid Connector

BECOME A DISTRIBUTOR

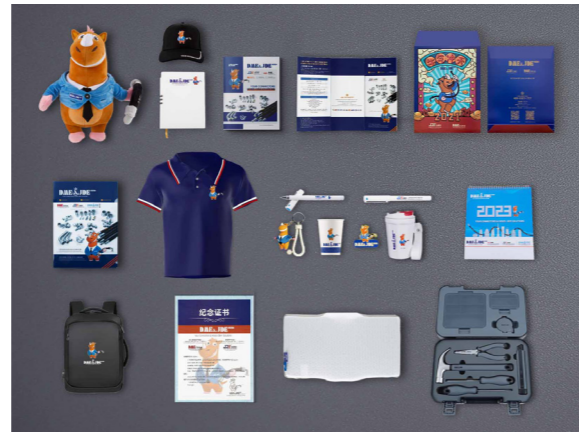
DME&JDE has the ability to develop a global footprint because we have extensive manufacturing capacities, large and smart stock warehouse and rich and enough technical support.

Browse what we can supply for our distributors...



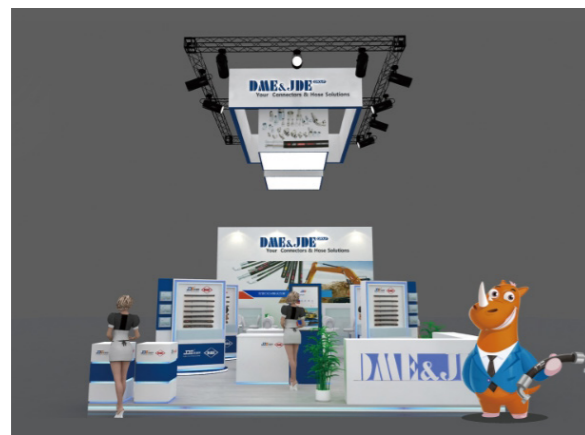
National exclusive agency

Distributor owns the exclusive agency of our DME brand hose connectors, JDE brand flexible hoses and DME&JDE OEM solutions.



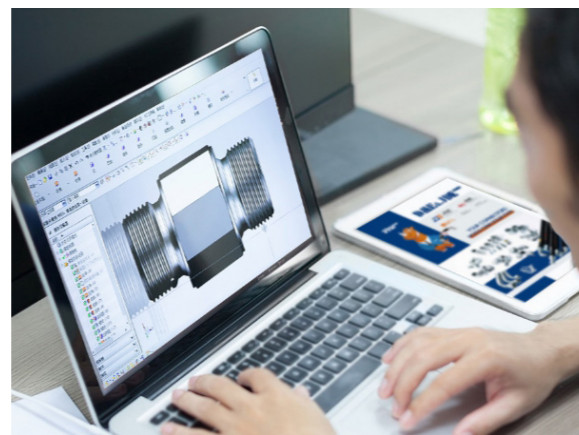
Material Support

We will provide free materials, including brochure, manual, advertising specialty and clothing, demonstrating enterprise value and expanding market easily.



Unified VI Support

DME&JDE has a complete set of distributor advertisement, new product posters and other unified VI designs to let your publicity more professional.



Technical Support

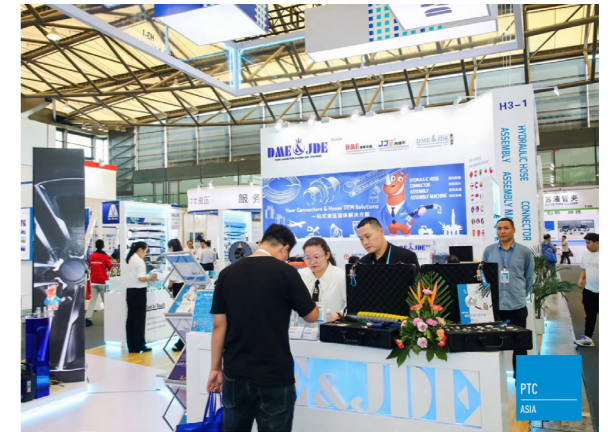
DME&JDE will continuously develop new products according to your market demanding to help you catch your seize market opportunities and exploit potential market

DME&JDE not only supplies qualified products, but also provides marketing, customer care, total publicity planning, competitive price and professional technical support.



Customer Support

DME&JDE adopts multiple promotion channel, including enterprise website promotion, Alibaba, Facebook, LinkedIn and Tik Tok, as well as exhibition. All customer resources will be allocated to the distributors of the corresponding region, helping distributors to expand the source



Exhibition Support

DME&JDE will attend professional exhibitions including international, regional exhibitions, distributors can stand for enterprise to chat with exhibition customers. Several local exhibition, we can supply material supply for distributors.



Price & Payment Support

Distributor price helps distributors make more profits and owns absolute advantage at local market



Other Support

Distributors information including location, E-mail and phones will be displayed on our enterprise website, brochures and exhibitions.