UHP WATER JETTING HOSE-Marine

Application:

Ultra-high-pressure water cleaning technology utilizes a high-pressure pump to pressurize water to 500 bar - 2800 bar (50 MPa - 280 MPa) or even higher, creating a high-speed water jet. This effectively removes dirt, rust layers, paint, marine organisms, and other deposits from the inner walls of pipelines and the surfaces of ship platforms. It makes the cleaning, maintenance, and unclogging of pipelines and ship platforms more efficient and environmentally friendly, helping to extend their service life and improve operational efficiency.

Structure:

Core: PA/POM
Reinforcement: High tensile steel wire
Cover: Wear-resistant polyurethane/PA (polyamide)

Temperature: -40°C to +120°C.

UHP WATER JETTING HOSE-Marine									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*Mpa*	*Bar*	*Mpa*	*Bar*	*mm*	
5/32	4	0.45	12	280	2800	700	7000	145	
3/16	5	0.57	14.5	250	2500	625	6250	160	
5/16	8	0.78	19.8	280	2800	700	7000	250	
3/8	10	0.87	22.2	192	1920	480	4800	220	
1/2	12	1.02	26	180	1800	450	4500	230	

ULTRA HIGH PRESSURE THERMOPLASTICHOSE

Application:

1. WATER CLEANING :Heat Exchanger Tube Cleaning ,Ultra High Pressure Water jet Table Cutting, Ultra High Pressure Tube Cleaning, Paint Removal, Automated Cleaning Booths， Hydro Demolition of Concrete, Large Bore Pipe Cleaning, Tank and Vessel Cleaning, Water blast Supply Hose

2.HYDRAULIC: Instrumentation Packages for Gauges, Pressure Testing for Valves, Tooling and Control Panels Bolt Tensioning and Torque Tools, Hydraulic Jacks, Controls for Service Equipment, Instrumentation Packages for Gauges, Pressure Testing for Valves, Tooling and Control Panels

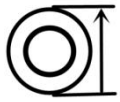
Structure:

Inner tube material: POM or PA
Reinforced: high tensile steel wire
winding Outer tube material: PU or PA

Temperature:

-40 to 100℃

DF-FLEX

Modal	 I.D(mm)	 O.D(mm)	 Working pressure(bar)	 Min.Burst Pressure(bar)	 Bending radius (mm)
DF3/2S	3	6.5	1200	3000	95
DF4/2S	4	8.6	1200	3000	105
DF4/4S	4	10	2000	5000	115
DF4/6S	4	12	3000	7500	130
DF5/2S	5	10.2	1200	3000	115
DF5/2SP	5	12.6	1500	3750	120
DF5/4S	5	12.3	1800	4500	145
DF5/6S	5	14.3	2800	6250	160
DF5/8S	5	16.5	4000	8000	250
DF6/2S	6.3	12	1200	2750	130
DF6/2SP	6.3	14.2	1200	2900	125
DF6/4S	6.3	14	1800	4250	140
DF8/2S	8	14.2	1000	2500	155
DF8/2SP	8	16	1000	2500	155
DF8/4S	8	16.5	1600	4000	175
DF8/6S	8	18.3	2100	5250	250
DF8/6UHP	8	19.8	2800	6500	300
DF10/2S	10	17.7	800	2500	190
DF10/2SP	10	19	1000	2500	180
DF10/4S	10	20	1600	4000	200
DF10/4SP	10	21.6	1600	4000	200
DF10/6S	10	22	2200	5500	220
DF12/2SP	12	21.7	800	2000	190
DF12/4S	12	22.5	1500	3750	210
DF12/4SP	12	24.2	1500	3750	210
DF12/6S	12	25	1800	4500	230
DF16/2SP	16	25.4	630	1500	230
DF16/4S	16	26	1000	2500	260
DF16/6S	16	30	1500	3750	290
DF19/2SP	19	28.6	600	1500	260
DF19/4S	19	32	1000	2500	300
DF19/6S	19	34	1500	2750	320
DF25/2S	25	36.5	400	1000	320
DF25/4S	25	39	900	2250	400
DF25/6S	25	40	1400	3000	600
DF32/2SP	32	43.6	400	1000	400

ULTRA HIGH PRESSURE WATERBLAST HOSE

Application:

Water blasting, Water jetting, cleaning equipment. Delivery of water and water emulsions.Hose line for water-blasting with pressure up to 1250bar. Lightness and flexibility,safety factor2.5:1, high abrasion resistance cover.

Structure:

Inner tube material: Synthetic rubber resistance to water
Reinforced: High tensile steel wire spirals
Outer tube material: Synthetic rubber resistance to abrasion

Temperature:

-40 to 90℃

ULTRA HIGH PRESSURE WATERBLAST HOSE					
Modal	***I.D***	***O.D***	***W.P(working pressure)***	***B.P(burst pressure)***	***MIN.Bend Radius***
DF06U	**3/8’’**	**20**	**1250**	**3125**	**230**
DF08U	**1/2’’**	**24.1**	**1100**	**2750**	**230**
DF12U	**3/4’’**	**32**	**1000**	**2500**	**250**
DF16U	**1’’**	**38.1**	**800**	**1750**	**250**

Sewer jetting hose
DF-SJ-I

1. Application:

Compact Sewer cleaning vehicles and lateral Sewer line cleaning equipments.
Heavy duty construction for optimum cut and wear resistance. Bonded tube and cover available in long lengths with a special cover, resistant to microbiological degradation. High pressure performance and flexible hose for cleaning smaller sized sewer ducts

2.Structure:

Core: Thermoplastic Elastomer
Reinforcement: Double braid of high tensile synthetic fiber
Cover: abrasion resistant polyurethane

3.Temperature:

-40 to 120℃

4.Color:

Orange

5.LENGTH:

200FT,333FT, 400FT,500FT,600FT,800FT

SEWER JETTING HOSE(DF-SJ-I-2500PSI)									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	
3/8	10	0.69	18	173	2500	692	10000	60	
1/2	12.7	0.8	20.3	173	2500	692	10000	75	
5/8	16	1	27.2	173	2500	692	10000	103	
3/4	19.0	1.15	30	173	2500	692	10000	120	
1	25.4	1.5	38.7	173	2500	692	10000	155	
1 1/4	32.8	1.87	46.6	173	2500	692	10000	240	

Sewer jetting hose
DF-SJ-II

1. Application:

Compact Sewer cleaning vehicles and lateral Sewer line cleaning equipments.
Heavy duty construction for optimum cut and wear resistance. Bonded tube and cover available in long lengths with a special cover, resistant to microbiological degradation. High pressure performance and flexible hose for cleaning smaller sized sewer ducts

2.Structure:

Core: Thermoplastic Elastomer
Reinforcement: Double braid of high tensile synthetic fiber
Cover: abrasion resistant polyurethane

3.Temperature:

-40 to 120℃

4.Color:

Blue

5.LENGTH:

200FT,333FT, 400FT,500FT,600FT,800FT

SEWER JETTING HOSE(DF-SJ-II-3000PSI)									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	
3/8	10	0.69	18	210	3000	840	12000	60	
1/2	12.7	0.8	20.3	210	3000	840	12000	75	
5/8	16	1	27.2	210	3000	840	12000	105	
3/4	19.0	1.15	30.2	210	3000	840	12000	120	
1	25.4	1.5	38.7	210	3000	840	12000	155	

Sewer jetting hose
DF-SJ-III

1.Application:

Compact Sewer cleaning vehicles and lateral Sewer line cleaning equipments.
Heavy duty construction for optimum cut and wear resistance. Bonded tube and cover available in long lengths with a special cover, resistant to microbiological degradation. High pressure performance and flexible hose for cleaning smaller sized sewer ducts

2.Structure:

Core: Thermoplastic Elastomer
Reinforcement: Double braid of high tensile synthetic fiber
Cover: abrasion resistant polyurethane

3.Temperature:

-40 to 120℃

4.Color:

Green

5.LENGTH:

200FT,333FT, 400FT,500FT,600FT,800FT

SEWER JETTING HOSE(DF-SJ-III-4000PSI)									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	
3/8	10	0.67	18	280	4000	1120	16000	100	
1/2	12.7	0.8	20.3	280	4000	1120	16000	120	
5/8	16	1	27.3	280	4000	1120	16000	145	
3/4	19.0	1.15	31.6	280	4000	1120	16000	165	
1	25.4	1.5	38.9	280	4000	1120	16000	200	

SAE100 R7/DIN EN855

Application:

Medium Pressure Hydraulic Lines 70 to 210 bar.
Suitable for Hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earth moving, Articulating & Telescopic booms and Material handling equipment. Can be used for industrial gases and other applications. Please consult us.

Structure:

Core: PA (polyamide)
Reinforcement: Single braid of high tensile synthetic fiber
Cover: Polyurethane, Pin pricked

Temperature:

-40 to 120℃

Twin & multi line hose Available

SAE100R7 HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/8	3	0.23	6	210	3045	840	12180	25	1.0	
1/8	3.5	0.31	8	210	3045	840	12180	25	1.0	
5/32	4	0.34	8.6	210	3045	840	12180	25	1.0	
3/16	5	0.38	9.6	210	3045	840	12180	25	1.0	
1/4	6.3	0.45	12	210	3045	840	12180	32	1.3	
5/16	8	0.52	13.2	180	2610	720	10440	45	1.8	
3/8	10	0.60	15.5	160	2320	640	9280	55	2.2	
1/2	13	0.75	19	140	2030	560	8120	77	3.0	
5/8	16	0.87	23	100	1450	400	5800	110	4.4	
3/4	19	1.02	26	90	1305	360	5220	140	5.5	
1	25	1.30	32	70	1015	280	4060	200	8.0	

SAE100 R7/DIN EN855-NON CONDUCTIVE

Application:

Medium Pressure Hydraulic Lines 70 to 210 bar.
Suitable for Hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earth moving, Articulating & Telescopic booms and Material handling equipment. Mainly used in applications requiring high electrical insulation or non-conductivity. Please consult us.

Structure:

Core: Thermoplastic Elastomer
Reinforcement: Single braid of high tensile synthetic fiber
Cover: Polyurethane

Temperature:

-40 to 120℃

(Max. working temperature of air, water and fluids containing water + 70°C)

Twin & multi line hose Available

SAE100R7 HOSE-NON CONDUCTIVE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/8	3	0.23	6	210	3045	840	12180	25	1.0	
1/8	3.5	0.31	8	210	3045	840	12180	25	1.0	
5/32	4	0.34	8.6	210	3045	840	12180	25	1.0	
3/16	5	0.38	9.6	210	3045	840	12180	25	1.0	
1/4	6.3	0.45	12	210	3045	840	12180	32	1.3	
5/16	8	0.52	13.2	180	2610	720	10440	45	1.8	
3/8	10	0.60	15.5	160	2320	640	9280	55	2.2	
1/2	13	0.75	19	140	2030	560	8120	77	3.0	
5/8	16	0.87	23	100	1450	400	5800	110	4.4	
3/4	19	1.02	26	90	1305	360	5220	140	5.5	
1	25	1.30	32	70	1015	280	4060	200	8.0	

SAE100 R7/DIN EN855-COMPACT

Application:

Medium Pressure Hydraulic Lines 230 bar.
Suitable for Hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earth moving, Articulating & Telescopic booms and Material handling equipment. Please consult us.

Structure:

Core: Thermoplastic Elastomer
Reinforcement: Single braid of high tensile synthetic fiber
Cover: Polyurethane, Pin pricked

Temperature:

-40 to 120℃

(Max. working temperature of air, water and fluids containing water + 70°C)

Twin & multi line hose Available

SAE100R7 HOSE-COMPACT										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
3/16	5	0.38	9.6	230	3335	920	13340	22	0.8	
1/4	6.3	0.45	11.5	230	3335	920	13340	29	1.1	
5/16	8	0.52	13.2	230	3335	920	13340	38	1.5	
3/8	10	0.60	15.5	230	3335	920	13340	48	1.9	
1/2	13	0.75	19	200	2900	800	11600	71	2.8	

SAE100 R7/DIN EN855-MARINE

Application:

Medium Pressure Hydraulic Lines 70 to 210 bar.
Suitable for Hydraulic application in wet and saline environments, where extreme temperature variations might occur. For use with petroleum, synthetic or water based fluids in Hydraulic systems with increased resistance to salt water and abrasion. Ideal for marine hydraulic steering systems. Please consult us.

Structure:

Core: Thermoplastic polyester
Reinforcement: Single braid of high tensile synthetic fiber
Cover: Special polyurethane, Pin pricked

Temperature:

-40 to 120℃

(Max. working temperature of air, water and fluids containing water + 70°C)

Twin & multi line hose Available

SAE100R7 HOSE-MARINE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/8	3	0.23	6	210	3045	840	12180	25	1.0	
1/8	3.5	0.31	8	210	3045	840	12180	25	1.0	
5/32	4	0.34	8.6	210	3045	840	12180	25	1.0	
3/16	5	0.38	9.6	210	3045	840	12180	25	1.0	
1/4	6.3	0.45	12	210	3045	840	12180	32	1.3	
5/16	8	0.52	13.2	180	2610	720	10440	45	1.8	
3/8	10	0.60	15.5	160	2320	640	9280	55	2.2	
1/2	13	0.75	19	140	2030	560	8120	77	3.0	
5/8	16	0.87	23	100	1450	400	5800	110	4.4	
3/4	19	1.02	26	90	1305	360	5220	140	5.5	
1	25	1.30	32	70	1015	280	4060	200	8.0	

SAE100 R7/DIN EN855-SUPER FLEXIBLE

Application:

Medium Pressure Hydraulic Lines 70 to 210 bar.
Suitable for Hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earth moving, Articulating & Telescopic booms and Material handling equipment. Can be used for industrial gases and other applications with superior flexibility. Please consult us.

Structure:

Core: Thermoplastic Elastomer
Reinforcement: Single braid of high tensile synthetic fiber
Cover: Polyurethane, Pin pricked

Temperature:

-40 to 120℃

(Max. working temperature of air, water and fluids containing water + 70°C)

Twin & multi line hose Available

SAE100R7 HOSE-SUPER FLEXIBLE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
3/16	5	0.38	9.6	230	3335	920	13340	22	0.8	
1/4	6.3	0.45	11.5	230	3335	920	13340	29	1.1	
5/16	8	0.52	13.2	230	3335	920	13340	38	1.5	
3/8	10	0.60	15.5	230	3335	920	13340	48	1.9	
1/2	13	0.75	19	200	2900	800	11600	71	2.8	

SAE100 R7/DIN EN855 -PTFE

Application:

Medium Pressure Hydraulic Lines 70 to 210 bar.
R7-PTFE have been created for the high pressure conduction of hydraulic oils, corrosive chemicals and food at high temperature and suitable for Solvent adhesive. It has the characteristics of high and low temperature resistance, strong acidity and alkalinity, and meets FDA standards

Structure:

Core: PTFE
Reinforcement: Single braid of high tensile synthetic fiber
Cover:Antiabrasion polyurethane, Pin pricked

Temperature:

-55 to 150℃

Twin & multi line hose Available

SAE100R7 HOSE-PTFE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/8	3	0.23	6	210	3045	840	12180	25	1.0	
1/8	3.5	0.31	8	210	3045	840	12180	25	1.0	
5/32	4	0.34	8.6	210	3045	840	12180	25	1.0	
3/16	5	0.38	9.6	210	3045	840	12180	25	1.0	
1/4	6.3	0.45	12	210	3045	840	12180	32	1.3	
5/16	8	0.52	13.2	180	2610	720	10440	45	1.8	
3/8	10	0.60	15.5	160	2320	640	9280	55	2.2	
1/2	13	0.75	19	140	2030	560	8120	77	3.0	
5/8	16	0.87	23	100	1450	400	5800	110	4.4	
3/4	19	1.02	26	90	1305	360	5220	140	5.5	
1	25	1.30	32	70	1015	280	4060	200	8.0	

SAE100 R7(steel)

Application:

Medium Pressure Hydraulic Lines 100 to 350 bar.

Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earth-moving, etc

Structure:

Core: Thermoplastic Elastomer
Reinforcement: Single braid of steel wire
Cover: Polyurethane, Pin pricked

Temperature:

-40 to 120℃

Twin & multi line hose Available

SAE100R7 HOSE(STEEL WIRE)										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.34	9	350	5000	1400	20300	25	1.0	
3/16	5	0.38	10	350	5000	1400	20300	30	1.2	
1/4	6.3	0.45	12	350	5000	1400	20300	40	1.6	
5/16	8	0.52	13.3	240	3500	960	13920	50	2.0	
3/8	10	0.60	15.5	225	3265	900	13050	60	2.4	
1/2	13	0.75	19.5	190	2750	760	11020	75	3.0	
5/8	16	0.87	23.3	150	2175	600	8700	110	4.3	
3/4	19	1.02	27.5	130	1890	520	7540	150	6.0	
1	25	1.30	33.5	105	1525	420	6090	230	9.1	

SAE100 R7(steel)-LOW TEMPERATURE

Application:

Medium Pressure Hydraulic Lines 100 to 350 bar. Superior flexibility in cold temperature applications. Suitable for hydraulic application with low temperature requirements and increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic systems. Please consult us.

Structure:

Core: Thermoplastic Elastomer
Reinforcement: Single braid of steel wire
Cover: Polyurethane, Pin pricked

Temperature:

-55 to 120℃

Twin & multi line hose Available

SAE100R7 HOSE(steel)-LOW TEMPERATURE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.34	9	350	5000	1400	20300	25	1.0	
3/16	5	0.38	10	350	5000	1400	20300	30	1.2	
1/4	6.3	0.45	12	350	5000	1400	20300	40	1.6	
5/16	8	0.52	13.3	240	3500	960	13920	50	2.0	
3/8	10	0.60	15.5	225	3265	900	13050	60	2.4	
1/2	13	0.75	19.5	190	2750	760	11020	75	3.0	
5/8	16	0.87	23.3	150	2175	600	8700	110	4.3	
3/4	19	1.02	27.5	130	1890	520	7540	150	6.0	
1	25	1.30	33.5	105	1525	420	6090	230	9.1	

SAE100 R7(steel)-PTFE

Application:

Medium Pressure Hydraulic Lines 100 to 350 bar.
R7-PTFE(steel) have been created for the high pressure conduction of hydraulic oils, corrosive chemicals and food at high temperature and suitable for Solvent adhesive.It has the characteristics of high and low temperature resistance, strong acidity and alkalinity, and meets FDA standards.

Structure:

Core: PTFE
Reinforcement: Single braid of steel wire
Cover: Antiabrasion polyurethane, Pin pricked

Temperature:

-55 to 120℃

Twin & multi line hose Available

SAE100R7 HOSE(steel)-PTFE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.34	9	350	5000	1400	20300	25	1.0	
3/16	5	0.38	10	350	5000	1400	20300	30	1.2	
1/4	6.3	0.45	12	350	5000	1400	20300	40	1.6	
5/16	8	0.52	13.3	240	3500	960	13920	50	2.0	
3/8	10	0.60	15.5	225	3265	900	13050	60	2.4	
1/2	13	0.75	19.5	190	2750	760	11020	75	3.0	
5/8	16	0.87	23.3	150	2175	600	8700	110	4.3	
3/4	19	1.02	27.5	130	1890	520	7540	150	6.0	
1	25	1.30	33.5	105	1525	420	6090	230	9.1	

SAE100 R8/DIN EN855

Application:

High pressure Hydraulic Lines 100 to 420 bar.
Compact, high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for Agricultural machinery, Earth moving, Safety, Rescue and material handling equipment. Can be used for industrial gas and other applications, please consult us.

Structure:

Core:Thermoplastic Elastomer
Reinforcement:double braids of high tensile synthetic fiber
Cover:Polyurethane, Pin pricked

Temperature:

-40 to 100℃

Twin & multi line hose Available

SAE100R8 HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.39	10	350	5070	1400	20300	40	1.6	
3/16	5	0.41	10.5	350	5070	1400	20300	40	1.6	
1/4	6.4	0.50	13.2	300	4350	1200	17400	45	1.8	
5/16	8	0.57	14.5	280	4060	1120	16240	55	2.2	
3/8	10	0.67	17	260	3770	1040	15080	65	2.6	
1/2	13	0.83	21	240	3480	960	13920	80	3.1	
5/8	16	1	25.4	200	2900	800	11600	100	4.0	
3/4	19	1.1	29	160	2320	640	9280	140	5.6	
1	25	1.42	36	140	2030	560	8120	200	8.0	

SAE100 R8/DIN EN855-NON CONDUCTIVE

Application:

Compact, high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for Agricultural machinery, Earth moving, Safety, Rescue and material handling equipment. Mainly used in applications requiring high electrical insulation or non-conductivity. Please consult us.

Structure:

Core:Thermoplastic Elastomer
Reinforcement:Double braid of high tensile synthetic fiber
Cover:Polyurethane

Temperature:

-40 to 120℃

Twin & multi line hose Available

SAE100R8 HOSE-NON CONDUCTIVE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.39	10	350	5070	1400	20300	40	1.6	
3/16	5	0.41	10.5	350	5070	1400	20300	40	1.6	
1/4	6.4	0.50	13.2	300	4350	1200	17400	45	1.8	
5/16	8	0.57	14.5	280	4060	1120	16240	55	2.2	
3/8	10	0.67	17	260	3770	1040	15080	65	2.6	
1/2	13	0.83	21	240	3480	960	13920	80	3.1	
5/8	16	1	25.4	200	2900	800	11600	100	4.0	
3/4	19	1.1	29	160	2320	640	9280	140	5.6	
1	25	1.42	36	140	2030	560	8120	200	8.0	

SAE100 R8/DIN EN855- ARAMID

Application:

High pressure Hydraulic Lines 145 to 420 bar.
Compact, high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for Agricultural machinery, Earth moving, Safety, Rescue and material handling equipment. Mainly used in applications requiring high electrical insulation or non-conductivity. Please consult us.

Structure:

Core:Thermoplastic Elastomer
Reinforcement:Single or double braid of aramid fiber
Cover:Polyurethane, Pin pricked

Temperature:

-40 to 120℃

Twin & multi line hose Available

SAE100R8 HOSE-ARAMID										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/8	3.5	0.35	7	420	6090	1680	24360	30	1.6	
5/32	4	0.39	8	420	6090	1680	24360	30	1.6	
3/16	5	0.41	10.1	350	5070	1400	20300	40	1.6	
1/4	6.4	0.50	12	350	5070	1400	20300	53	1.8	
5/16	8	0.57	14.5	325	4712	1300	18850	60	2.2	
3/8	10	0.67	16.1	280	4060	1120	16240	70	2.6	
1/2	13	0.83	20.5	245	3553	980	14210	110	3.1	
5/8	16	0.97	23.8	195	2828	780	11310	130	4.0	
3/4	19.2	1.1	26.7	165	2393	660	9570	155	5.6	
1	25.4	1.42	35	145	2103	580	8410	205	8.0	

SAE100 R8/DIN EN855-PTFE

Application:

High pressure Hydraulic Lines 100 to 420 bar.

R8-PTFE have been created for the high pressure conduction of hydraulic oils, corrosive chemicals and food at high temperature and suitable for solvent adhesive It has the characteristics of high and low temperature resistance, strong acidity and alkalinity, and meets FDA standards.

Structure:

Core:PTFE
Reinforcement:double braids of high tensile synthetic fiber
Cover:Antiabrasion polyurethane, Pin pricked

Temperature:

-55 to 150℃

Twin & multi line hose Available

SAE100R8 HOSE-PTFE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.39	10	350	5070	1400	20300	40	1.6	
3/16	5	0.41	10.5	350	5070	1400	20300	40	1.6	
1/4	6.4	0.50	13.2	300	4350	1200	17400	45	1.8	
5/16	8	0.57	14.5	280	4060	1120	16240	55	2.2	
3/8	10	0.67	17	260	3770	1040	15080	65	2.6	
1/2	13	0.83	21	240	3480	960	13920	80	3.1	
5/8	16	1	25.4	200	2900	800	11600	100	4.0	
3/4	19	1.1	29	160	2320	640	9280	140	5.6	
1	25	1.42	36	140	2030	560	8120	200	8.0	

SAE100 R8/DIN EN855(steel)

Application:

High Pressure Hydraulic Lines 150 to 450 bar compact, high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic system.

Structure:

Core:Thermoplastic Elastomer
Reinforcement:double braid of steel wire
Cover:Polyurethane, Pin pricked

Temperature:

-40 to 120℃

Twin & multi line hose Available

SAE100R8 HOSE(STEEL WIRE)										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.39	10.2	450	6500	1800	26000	80	3.1	
3/16	5	0.41	11.7	450	6500	1800	26000	80	3.1	
1/4	6.4	0.50	13.2	430	6250	1720	25000	100	4.0	
5/16	8	0.57	15.4	380	5500	1520	22000	110	4.3	
3/8	10	0.67	17.1	330	4800	1320	19200	130	5.0	
1/2	12.7	0.83	20.8	270	3900	1080	15600	180	7.0	
5/8	16	1	25.5	250	3625	1000	14500	205	8.0	
3/4	19	1.1	28.2	215	3120	860	12500	255	10.0	
1	25	1.42	38	165	2400	660	9570	305	12.0	

SAE100 R8/DIN EN855(steel) -PTFE

Application:

High Pressure Hydraulic Lines 150 to 450 bar

R8-PTFE(steel) have been created for the high pressure conduction of hydraulic oils, corrosive chemicals and food at high temperature and suitable for solvent adhesive.It has the characteristics of high and low temperature resistance, strong acidity and alkalinity, and meets FDA standards.

Structure:

Core:PTFE
Reinforcement:double braid of steel wire
Cover:Antiabrasion polyurethane, Pin pricked

Temperature:

-55 to 150℃

Twin & multi line hose Available

SAE100R8 HOSE(steel)-PTFE										
I.D		O.D		W.P(working pressure)		B.P(burst pressure)		MIN.Bend Radius		Remark
inch	mm	inch	mm	bar	psi	bar	psi	mm	inch	
5/32	4	0.39	10.2	450	6500	1800	26000	80	3.1	
3/16	5	0.41	11.7	450	6500	1800	26000	80	3.1	
1/4	6.4	0.50	13.2	430	6250	1720	25000	100	4.0	
5/16	8	0.57	15.4	380	5500	1520	22000	110	4.3	
3/8	10	0.67	17.1	330	4800	1320	19200	130	5.0	
1/2	12.7	0.83	20.8	270	3900	1080	15600	180	7.0	
5/8	16	1	25.5	250	3625	1000	14500	205	8.0	
3/4	19	1.1	28.2	215	3120	860	12500	255	10.0	
1	25	1.42	38	165	2400	660	9570	305	12.0	

SAE100 R18

Application:

Medium pressure Hydraulic Lines 210 to 250 bar.
Suitable for hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for Agricultural machinery, Earth moving, Safety, Rescue and material handling equipment. Can be used for industrial gas and other applications, please consult us.

Structure:

Core: Thermoplastic Elastomer
Reinforcement:Double braid of high tensile synthetic fiber
Cover:Polyurethane, Pin pricked

Temperature:

-54 to 120℃

Twin & multi line hose Available

SAE100R18 HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
3/16	5	0.41	10.5	250	3625	1000	14500	30	1.18	
1/4	6.4	0.50	13.2	250	3625	1000	14500	40	1.57	
5/16	8	0.57	14.5	250	3625	1000	14500	50	1.97	
3/8	10	0.67	17	250	3625	1000	14500	50	1.97	
1/2	13	0.83	21	210	3045	840	12180	70	2.76	

MORE LINE HOSE

Application:

Dual, Triple, and Quad Hose Assemblies. Hydraulic Reels. Multi-Row Hoses for Aerial Work Platforms. It can be used for Aerial work vehicles, excavators, cranes, hydraulic drills, loaders, crushers, hydraulic control systems, anchor winches, etc. It can withstand the high pressure environment of the hydraulic system and has a wide range of working pressure. Oil-resistant material prevents corrosion from hydraulic oil.

Structure:

Core: PA11/12

Reinforcement: High tensile steel wire or synthetic fiber

Cover: Wear-resistant polyurethane/PA (polyamide)

Temperature: -40°C to +120°C.

MORE LINE HOSE									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*Mpa*	*psi*	*Mpa*	*psi*	*mm*	
1/4	6.3	0.45	12	20	3000	60	9000	35	
1/4	6.3	0.52	13.2	30	5000	90	15000	35	
3/8	10	0.7	17	26	3000	78	9000	65	
3/8	10	0.7	17	33	5000	100	15000	65	
1/2	12.7	0.85	21.5	24	3000	720	9000	80	
1/2	12.7	0.85	21.5	35	5000	140	15000	80	

HIGH PRESSURE JACK HOSE

1. Application:

High-Pressure hydraulic lines 500 to 700 bar. High abrasion resistance and low change in length for use with petroleum, synthetic or water-based fluid in hydraulic oil transfer and other hydraulic tools. (rescue and safety equipment, bolt tensioning tools, jacking & re-railing equipment, earthmoving and material handling equipment)

2. Structure:

Core: Thermoplastic Elastomer
Reinforcement: Double braids of steel wire
Cover: Polyurethane

3. Temperature: -30 to 120℃

4. Color: Red

5. LENGTH: 2FT,3FT,6FT,10FT,20FT,30FT,50FT

6. FITTING: 1/4”NPT, 3/8”NPT

Twin & multi line hose Available

HIGH PRESSURE JACK HOSE									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	
1/4	6.4	0.53	13.5	700	10150	2800	40600	80	
1/4	6.4	0.55	14	700	10150	2800	40600	80	
3/8	10	0.68	17.5	700	10150	2800	40600	125	
3/8	10	0.75	19	700	10150	2800	40600	125	

VERY HIGH PRESSURE JACK HOSE

1. Application:

Very High-Pressure hydraulic lines 700 bar. High abrasion resistance and low change in length for use with petroleum, synthetic or water-based fluid in hydraulic oil transfer and other hydraulic tools. (rescue and safety equipment, bolt tensioning tools, jacking & re-railing equipment, earthmoving and material handling equipment)

2. Structure:

Core: Thermoplastic Elastomer
Reinforcement: One or more braids of aramia fiber with one steel wire
Cover: Polyurethane

3. Temperature: -40 to 120℃

4. Color: Red

5. LENGTH: 2FT,3FT,6FT,10FT,20FT,30FT,50FT

6. FITTING: 1/4”NPT, 3/8”NPT

Twin & multi line hose Available

VERY HIGH PRESSURE JACK HOSE									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	
1/4	6.4	0.53	13.5	700	10150	2800	40600	80	
3/8	10	0.68	17.3	700	10150	2800	40600	125	

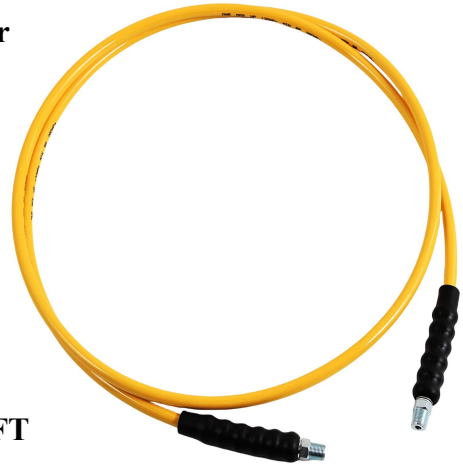
JACK HOSE-NON CONDUCTIVE

1. Application:

Non conductive Hydraulic Lines 700 bar. High abrasion resistance and low change in length for use with petroleum, synthetic or water-based fluid in hydraulic oil transfer and other hydraulic tools. Mainly used in applications requiring high electrical insulation or non-conductivity.

2. Structure:

Core: Thermoplastic Elastomer
Reinforcement: Two or more braids of aramid fiber
Cover: Polyurethane



3. Temperature: -40 to 120℃

4. Color: Red

5. LENGTH: 2FT,3FT,6FT,10FT,20FT,30FT,50FT

6. FITTING: 1/4”NPT, 3/8”NPT

Twin & multi line hose Available

JACK HOSE-NON CONDUCTIVE									
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	
1/4	6.4	0.53	13.5	700	10150	2800	40600	80	
3/8	10	0.68	17.3	700	10150	2800	40600	125	

HYDRAULIC TOOL HOSE

1.Application:

Industrial hydraulic equipment, synchronous lifting system, hydraulic control system, large machinery and equipment, hydraulic rescue equipment, heavy machinery, bridges, construction, ships, wind power, petrochemical, electricity,etc.

2.Structure:

Core: PA/POM
Reinforcement: High tensile steel wire or aramid fiber
Cover: Abrasion-resistant polyurethane

3. Specifications:

W.P(working pressure)：700 to 2800 Bar
Temperature：-40° C to 120° C
Length：Standard or customized lengths
Color: Yellow, Red, Blue, Black, Gray, optional on request

Twin & multi line hose Available

Hydraulic Tool Hose									
I.D		O.D		W.P(working pressure)		B.P(burst pressure)		MIN.Bend Radius	Remark
inch	mm	inch	mm	Mpa	Bar	Mpa	Bar	mm	
3/16	5.0	0.41	10.5	73	730	210	2100	35	
3/16	5.0	0.49	12.0	200	2000	500	5000	145	
3/16	5.0	0.48	14.0	200	2000	500	5000	150	
3/16	5.0	0.57	14.5	280	2800	625	6250	160	
1/4	6.3	0.53	13.2	70	700	170	1600	80	
1/4	6.3	0.53	14.0	120	1200	290	2800	125	
1/4	6.3	0.53	13.5	120	1200	210	2100	50	
5/16	8.0	0.67	16.0	120	1200	250	2500	155	
3/8	10.0	0.70	19.2	100	1000	250	2500	180	

PAINT SPRAY HOSE
DF-PS-I

1.Application:

High pressure Airless paint spray systems. Suitable for applications requiring chemical resistance to solvents and aggressive fluids, use for painting spray machine.

2. Structure:

Core: Nylon
Reinforcement: Single braid of high tensile synthetic fiber
Cover: Polyurethane

3. Temperature:-40 to 120℃

4. Length: 33FT,50FT,67FT,100FT

5.Color： Black,Blue,Red,Yellow

PAINT SPRAY HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4	0.34	8.6	210	3045	840	12180	25	1.0	
3/16	5	0.38	9.6	228	3306	912	13220	25	1.0	
1/4	6.3	0.45	12	228	3306	912	13220	32	1.3	
3/8	10	0.60	15.5	228	3306	912	13220	55	2.2	
1/2	13	0.75	19	190	2800	760	11020	77	3.0	

PAINT SPRAY HOSE
DF-PS-II

1.Application:

High pressure Airless paint spray systems. Suitable for applications requiring chemical resistance to solvents and aggressive fluids, use for painting spray machine.

2. Structure:

Core: Nylon
Reinforcement: Double braids of high tensile synthetic fiber with copper wires
Cover: Polyurethane

3. Temperature:-40 to 120℃

4. Length: 33FT,50FT,67FT,100FT

5.Color： Black,Blue,Red,Yellow

PAINT SPRAY HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
3/16	5	0.41	10.5	250	3600	1000	14500	40	1.6	
1/4	6.4	0.50	13.2	250	3600	1000	14500	45	1.8	
3/8	10	0.67	17	250	3600	1000	14500	65	2.6	
1/2	12.7	0.83	21	250	3600	1000	14500	80	3.1	

PAINT SPRAY HOSE
DF-PS-III

1. Application:

Very High pressure Airless paint spray systems for 200 to 700 Bar.
Suitable for applications requiring chemical resistance to solvents and aggressive fluids,use for painting spray machine.

2. Structure:

Core: Nylon
Reinforcement: Single braid of steel wire
Cover: Polyurethane

3. Temperature:-40 to 120℃

4. Length: 33FT,50FT,67FT,100FT

5. Color： Black，Blue,Red,Yellow

PAINT SPRAY HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
3/16	5	0.39	10	400	5800	1600	23200	30	1.2	
1/4	6.3	0.47	12	400	5800	1600	23200	40	1.7	
5/16	8	0.53	13.2	350	5075	1400	20300	50	2.0	
3/8	10	0.6	15.2	300	4350	1200	17400	60	2.4	
1/2	12.7	0.81	20	230	3335	920	13340	80	3.2	

PAINT SPRAY HOSE
DF-PS-IV

1. Application:

Very High pressure Airless paint spray systems for 200 to 700 Bar.
Suitable for applications requiring chemical resistance to solvents and aggressive fluids,use for painting spray machine.

2. Structure:

Core: Nylon
Reinforcement: Double braid of steel wire
Cover: Polyurethane

3. Temperature: -40 to 120℃

4. Length: 33FT,50FT,67FT,100FT

5. Color: Black, Blue, Red, Yellow

PAINT SPRAY HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/4	6.4	0.50	13.2	500	7250	2000	29000	100	4.0	
3/8	10	0.67	17.1	500	7250	2000	29000	130	5.0	
1/2	12.7	0.83	20.8	500	7250	2000	29000	180	7.0	

PAINT SPRAY HOSE
DF-PS-V

1. Application:

Very High pressure Airless paint spray systems for 300 to 700 Bar.
Suitable for applications requiring chemical resistance to solvents and aggressive fluids,use for painting spray machine.

2. Structure:

Core: Nylon
Reinforcement:Single braid of aramid fiber with single braid of steel wire
Cover: Polyurethane

3. Temperature: -40 to 120℃

4. Length: 33FT,50FT,67FT,100FT

5. Color: Black, Blue, Red, Yellow

PAINT SPRAY HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/4	6.4	0.54	13.7	520	7500	2080	30160	70	2.8	
3/8	10	0.74	18.8	520	7500	2080	30160	100	4.0	
1/2	12.7	0.88	22.4	520	7500	2080	30160	180	7.1	

LUBRICATION GREASE HOSE

1.Application:

High pressure mini Hydraulic Lines 300 to 400 bar.
0Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids specifically designed for diverse greasing and lubrication applications of industrial, hand held or automatic (centralized) grease distribution equipment. Please contact for different dimensions and working pressure.

2.Structure:

Core:Nylon

Reinforcement:single or double braided of high tensile synthetic fiber

Cover:polyurethane

3.Temperature:

-40 to 120℃

4.Color:

Black(Light or Fog can choose)

LUBRICATION GREASE HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
5/32	4.0	0.33	8.0	350	5075	1400	20300	40	1.6	
5/32	4.0	0.33	8.6	350	5075	1400	20300	45	1.8	
5/32	4.2	0.34	8.6	350	5075	1400	20300	50	2.0	
5/32	4.0	0.33	9.0	350	5075	1400	20300	50	2.0	
1/5	5	0.4	9.0	350	5075	1400	20300	60	2.4	

FIRE FIGHTING BREAKING HOSE
（ Concentric Hose）

1.Application:

Firefighting breaking tools: Such as hydraulic shears, spreaders, etc.
Industrial hydraulic equipment: For high pressure, high flow hydraulic system.
Emergency rescue: Delivering hydraulic oil in disaster rescue.
Designed specifically for firefighting breaking tools.

2.Structure:

Core: PA11/12
Reinforcement: Aramid fiber
Cover: Abrasion-resistant polyurethane

3.Specifications:

W.P(working pressure)：730 Bar
I.D：Optional on request
Temperature：-40° C to 120° C
Length：Standard or customized lengths

Twin & multi line hose Available

	Fire Fighting Breaking Hose									
	I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*	*Remark*
	inch	*mm*	*inch*	*mm*	*Mpa*	*Psi*	*Mpa*	*Psi*	*mm*	
Inner hose	5/32	4	0.39	10	73	10585	220	3000	30	
	3/16	5	0.39	11	73	10585	220	30000	35	
Cover hose	5/8	16.8	0.93	23	10	1450	30	4350	110	

Test pressure hose/Micro bore hose

Application:

Very High pressure mini Hydraulic Lines 250 to 630 bar.
Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic systems pressure test equipments and test points, general mini hydraulic equipments. Automotive roof and boot opening system and truck's cab lifting systems.

Structure:

Core:PA(polyamide)

Reinforcement:Single braid of aramid fiber

Cover:PU(polyurethane)

Temperature:

-40 to 100℃

Light Or Fog can choose

MICRO BORE TEST HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
2/25	2	1/5	5	630	9135	2520	36540	20	0.79	
3/25	3	6/25	6	630	9135	2520	36540	30	1.18	
3/25	3	6/25	7	1000	14500	4000	58000	30	1.18	

Test kit for excavator

Specifications:

Pressure Gauge: Dia. 63mm~25MPa
Pressure Gauge: Dia. 63mm~40MPa
Pressure Gauge: Dia. 63mm~60MPa

Test Hose Length: 1500mm/59.06in

Test Coupling: M10*1
Test Coupling: M14*1.5
Test Coupling: G1/4
Test Coupling: R1/4
Test Connection: UNF7 / 16-20
Test Connection: G3/8

Operating Temperature: -40°~+100°

HX-TK-1

Package included:
3 x Pressure Gauges
3 x Test Hoses
6 x Test Couplings

Specifications:

Pressure gauge: Dia. 63mm~25MPa
Pressure gauge: Dia. 63mm~40MPa
Pressure gauge: Dia. 63mm~60MPa
Test hose length: 1500mm / 59.06in

Test coupling: G1/8
Test coupling: G1/4
Test coupling: G3/8
Test coupling: M10*1
Test coupling: M10*1.25
Test coupling: M14*1.5
Test coupling: UNF7 / 16-20
Test coupling: UNF9 / 16-18

Quick Connector B: for Caterpillar CAT

HX-TK-II

Package included:
3 x Pressure gauge
3 x Test hose
8 x Test coupling
1 x Quick Connector

CNG hose

1. Application:

Refueling hose specially designed for conveying compressed natural gas. Dissipates static build-up

2.Structure:

Core:Nylon

Reinforcement:Double braids of aramid fiber

Cover:Polyurethane, Pin-pricked

3.Temperature:

-40 to 120℃

4.Color:

Red

CNG HOSE										
I.D		*O.D*		*W.P(working pressure)*		*B.P(burst pressure)*		*MIN.Bend Radius*		*Remark*
inch	*mm*	*inch*	*mm*	*bar*	*psi*	*bar*	*psi*	*mm*	*inch*	
1/4	6.4	0.54	13.7	350	5075	1400	20300	50.8	2.0	
5/16	8	0.6	15.2	350	5075	1400	20300	55	2.2	
3/8	9.6	0.69	17.5	350	5075	1400	20300	76.2	3.0	
1/2	12.8	0.83	21.1	350	5075	1400	20300	101.3	4.0	
3/4	19	1.15	29.2	350	5075	1400	20300	191	7.5	
1	25	1.44	36.6	350	5075	1400	20300	280	11.0	

R14(PTFE STEEL WIRE) HOSE
HX-PR-I

1. Application:

Resistance to acid and alkali,can be used for food processing,chemicals,very high and low temperature fluid, gas and other aspects.

2.Structure:

Core: PTFE

Reinforcement:304 steel wire braided

3.Temperature:

-54 to 260℃

size	*I.D(mm)*	*O.D(mm)*	*THICKNESS (mm)*	*W.P(bar)*	*B.P(bar)*	*MIN BEND RADIUS(mm)*
1/8''	2.85~3.25	5.45~6.15	0.65~1	225	900	70
1/4''	5.95~6.55	8.45~9.25	0.8~1	210	840	81
5/16''	7.85~8.45	10.55~11.45	0.8~1	175	700	131
3/8''	9.65~10.35	12.25~13.15	0.8~1	165	660	182
1/2''	12.55~13.25	15.85~17.25	0.9~1.5	120	480	211
5/8''	15.75~16.35	18.65~19.25	1~1.5	88	352	252
3/4''	18.65~19.25	22.15~23.45	1~1.5	75	300	323
1''	24.85~25.65	28.85~29.85	1~1.5	62	248	485

R14(PTFE STEEL WIRE) HOSE
HX-PC-I

1. Application:

Resistance to acid and alkali,can be used for food processing,chemicals,very high and low temperature fluid, gas and other aspects.

2.Structure:

Core: PTFE CORRUGATED

Reinforcement:304 steel wire braided

3.Temperature:

-54 to 260℃

size	*I.D(mm)*	*O.D(mm)*	*THICKNESS (mm)*	*W.P(bar)*	*B.P(bar)*	*MIN BEND RADIUS(mm)*
1/4''	5.75~6.55	9.85~10.55	1	175	700	20
5/16'	7.75~8.55	12.85~13.15	1	160	640	20
3/8''	9.14~10.25	15.85~16.55	1	120	480	20
1/2''	12.45~13.25	18.45~19.35	1	110	440	25
5/8''	15.36~16.25	24.85~25.56	1.5	100	400	50
3/4''	18.6~19.85	28.25~29.55	1.5	80	320	65
1''	24.89~26.16	35.55~36.85	2	55	220	90
1-1/4	30.85~32.15	41.5~43.15	2~3	45	180	110
1-1/2	37.55~39.45	47.25~49.55	2~3	35	140	150
2''	49.95~51.15	60.5~62.25	2~3	25	100	200