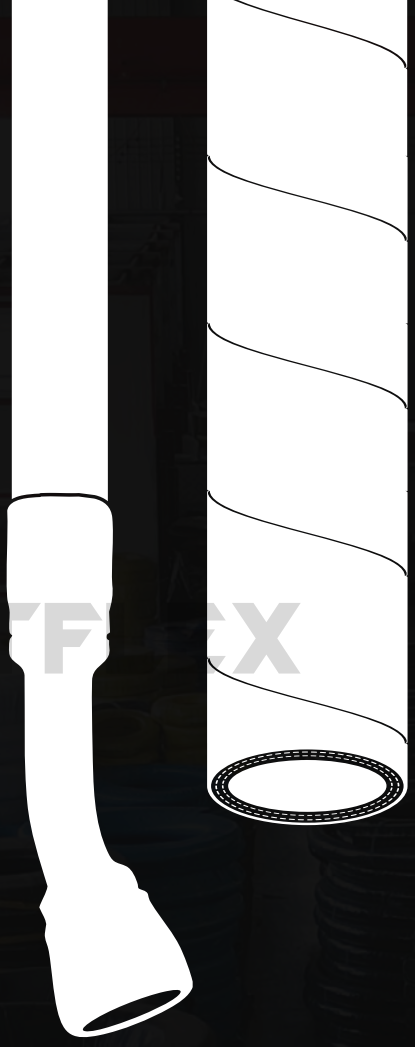
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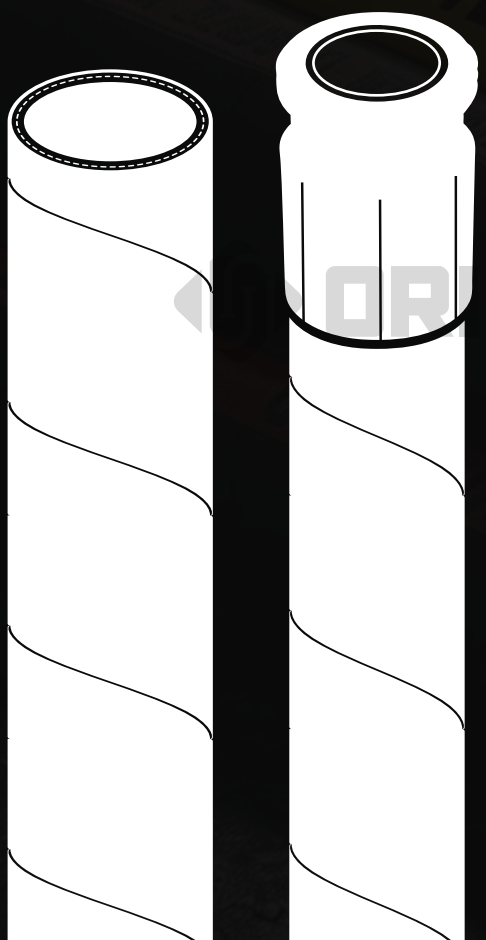
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ORIENTFLEX
Quality Hoses Serve The World

RUBBER HOSE & COUPLINGS

ONE-STOP SUPPLIER





No298 Zhonghua North Street,
Shijiazhuang, Hebei, China

ORIENTFLEX

Quality Hoses Serve The World

HEBEI ORIENT ADMA TECH GROUP CO., LTD. has specialized in manufacturing flexible hoses since 2010.
It operates three production bases, and a professional manufacturer and exporter of these products:

INDUSTRIAL HOSES | **HYDRAULIC HOSES** | **SILICONE HOSES**

THERMOPLASTIC HOSES (PVC, PU, PA, PE, TPR) | **SUPPORTING COUPLINGS**

We have exported to 130+countries with an annual export 1500+ containers to markets including Thailand, Malaysia, Indonesia, France, Romania, Australia, Nigeria, Ghana, South Africa, Algeria, United States, Canada, Mexico, Chile, Peru, Colombia, Venezuela, Russia, Belarus, Ukraine, etc

- Our team is dedicated to delivering superior hoses and comprehensive professional services.
- Our complete quality control system effectively prevents potential quality issues.
- In-depth industry experience and expertise help you cut lead time and overall costs.
- Our professional technical team provides customized hoses and couplings per your requirements.
- Stable premium products and attentive after-sales services help you maximize profits.

ORIENTFLEX is ready to supply high-quality products, thoughtful one-stop services and highly competitive prices. We sincerely look forward to building long-term cooperative partnerships with you on the basis of mutual benefit.

QUALITY PRODUCTS

EXCELLENT SERVICE

COMPETITIVE PRICE

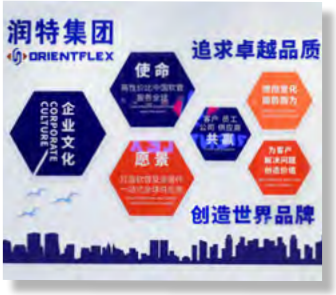
AGILE DELIVERY

- Short lead time
- On-time delivery
- Fast response
- High repeat-order rate



GLOBAL REACH

- 130 countries & 6+1 regions
- Overseas warehouse
- Multilingual team (EN/RU/ES/FR/PT)
- 12+ years of partnership with top clients



PLATFORM & ONE-STOP

PLATFORM-BASED ORGANIZATION

- 19 product series
- Spanning industrial, hydraulic, agricultural & mining
- Full range of hoses & fittings
- 50,000+ SKUs available
- Flexible customization & OEM support



SMART MANU-FACTURING

AUTOMATED PRODUCTION LINES

- 3 manufacturing bases
- Automated lines
- Full incoming & outgoing inspection
- Fully visible digital order-to-delivery pipeline
- Full certification: CE, FDA, MSHA, ROHS, SGS, ISO

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TEXTILE REINFORCED AIR HOSE







Construction:

Tube: NR & SBR synthetic rubber, black color.
Reinforcement:1ply or 2ply high tensile polyester thread braiding
Cover: NR & SBR synthetic rubber,smooth or wrapped surface, black,yellow,red available

Application:

Mainly used for conveying of air, inert gas and water in mining, construction, engineering, shipbuilding, steel production etc.

Temperature:

-20°C to 80°C

Characteristics:

- Oil mist resistant tube
- Anti-aging synthetic rubber
- Weather and ozone resistant
- Excellent abrasion resistance

AIR HOSE SMOOTH SURFACE 300PSI

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12	20	300	60	900	100	330
1/4"	6.4	13	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	21	20	300	60	900	100	330
5/8"	15.9	26	20	300	60	900	100	330
3/4"	19.1	29	20	300	60	900	100	330
1"	25.4	36	20	300	60	900	100	330
1-1/4"	31.8	44	20	300	60	900	50	200
1-1/2"	38.1	54	20	300	60	900	50	200

★ All other technical specifications are customizable per customer requirements

AIR HOSE WRAPPED SURFACE 300PSI

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12	20	300	60	900	100	330
1/4"	6.4	13	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	23	20	300	60	900	100	330
3/4"	19.1	30	20	300	60	900	100	330
1"	25.4	37	20	300	60	900	100	330
1-1/4"	31.8	46	20	300	60	900	60	200
1-1/2"	38.1	52	20	300	60	900	60	200
2"	50.8	68	20	300	60	900	60	200
2-1/2"	63.5	80	20	300	60	900	60	200
3"	76.2	92	20	300	60	900	60	200
4"	101.6	120	20	300	60	900	60	200

AIR HOSE EPDM WRAPPED/SMOOTH SURFACE 300PSI

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12	20	300	60	900	100	330
1/4"	6.4	13	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	23	20	300	60	900	100	330
3/4"	19.1	30	20	300	60	900	100	330
1"	25.4	37	20	300	60	900	100	330
1-1/4"	31.8	46	20	300	60	900	60	200
1-1/2"	38.1	52	20	300	60	900	60	200
2"	50.8	68	20	300	60	900	60	200







★ All other technical specifications are customizable per customer requirements

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MULTI-PURPOSE HOSE 300PSI

Construction:

Cover: Rubber or TPR (NBR/PVC),smooth, oil resistance
Reinforcement: 1ply or 2ply polyester thread braiding

Application:

For air, oil and medium grade fuels used in construction, shipyards, mining and agriculture.

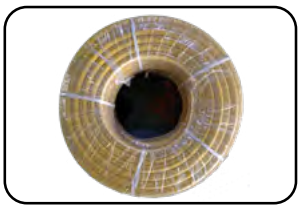
Temperature Range:

-20°C to 80°C

Characteristics:

- Oil mist resistant tube and cover.
- Ozone and weather resistant.
- Resistant to ultra-violet (UV)







MULTIPURPOSE AIR WATER HOSE

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11	20	300	60	900	100	330
1/4"	6.4	12.5	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	20.5	20	300	60	900	100	330
5/8"	15.9	26	20	300	60	900	100	330
3/4"	19.1	29	20	300	60	900	100	330
7/8"	22	32	20	300	60	900	50	200
1"	25.4	32	20	300	60	900	100	330
1-1/4"	32	36	20	300	60	900	50	200
1-1/2"	38	44	20	300	60	900	50	200

MULTIPURPOSE OIL/FUEL HOSE

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11	20	300	60	900	100	330
1/4"	6.4	12.5	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	20.5	20	300	60	900	100	330
5/8"	15.9	26	20	300	60	900	100	330
3/4"	19.1	29	20	300	60	900	100	330
7/8"	22	32	20	300	60	900	50	200
1"	25.4	32	20	300	60	900	100	330
1-1/4"	32	36	20	300	60	900	50	200
1-1/2"	38	44	20	300	60	900	50	200

★ All other technical specifications are customizable per customer requirements

TEXTILE REINFORCED AIR HOSE

AIR HOSE SMOOTH SURFACE ASSEMBLY 300PSI

I.D.		O.D.	W.P.		B.P.	
inch	mm	mm	bar	psi	bar	psi
1/4"	6.4	13	20	300	60	900
5/16"	7.9	15	20	300	60	900
3/8"	9.5	17	20	300	60	900
1/2"	12.7	21	20	300	60	900

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JACK HAMMER AIR HOSE

Construction:
Tube: NR & SBR synthetic rubber, black color.
Reinforcement:1ply or 2ply high tensile polyester thread braiding
Cover: NR & SBR synthetic rubber,smooth or wrapped surface, black, yellow, red available

Temperature: -20°C to 80°C

Characteristic:
- Assembly with coupling available
- No leaking
- Easy to handle.
- Weather, heat and ozone resistant.
- Excellent abrasion resistance.



I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	29	20	300	60	900	100	330
1"	25.4	36	20	300	60	900	100	330

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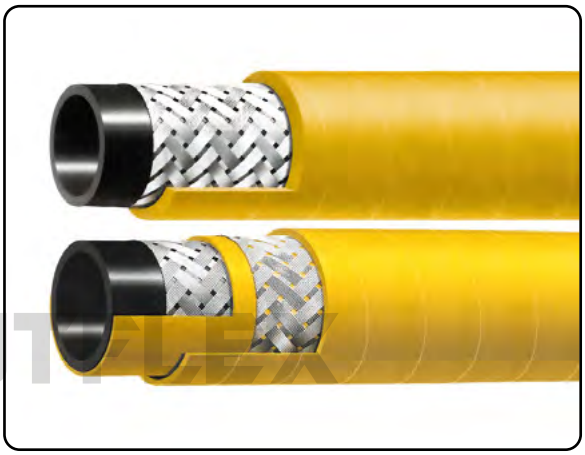



★ All other technical specifications are customizable per customer requirements

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WIRE REINFORCED AIR HOSE 600 PSI





Construction:

Tube: NR & SBR synthetic rubber, black color.

Reinforcement: One layer steel wire or two layers steel wire braiding.

Cover: NR & SBR synthetic rubber, black, yellow,grey available

Application:

For heavy duty air supply where high temperature is required. For use with high-temperature compressors without an after-cooler, mining, quarries, construction, industrial air placement, sand blasting and heavy duty equipment.

Characteristics:

- Oil mist resistant tube
- High working pressure
- Weather and ozone resistant
- Excellent abrasion resistance
- Pinpricked hose

Temperature: -20°C to 80°C

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	23	42	600	126	1800	50	164
3/4"	19.1	30	42	600	126	1800	50	164
1"	25.4	37	42	600	126	1800	50	164
1-1/4"	32	46	42	600	126	1800	40	131
1-1/2"	38	52	42	600	126	1800	40	131
2"	51	65	42	600	126	1800	40	131
2-1/2"	64	80	42	600	126	1800	40	131
3"	76	92	42	600	126	1800	40	131
4"	102	123	42	600	126	1800	20	66

★ All other technical specifications are customizable per customer requirements

RUBBER LAYFLAT COMPRESSED AIR HOSE

Construction:

Inner and cover: 1.Nitril synthetic rubber
2. TPR(thermoplastic rubber)
Rinforcement: polyester woven jacket

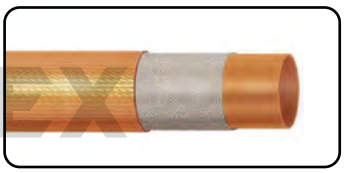
Application:

Layflat compressed air hose is designed for air compressors, pneumatic tools, rock drill,automated air line, air supply, construction equipment and so on.

Characteristic:

- Unique woven construction-Resists kinking stretching and twisting
- Resistance to oil contaminated air, weathering and abrasion
- Lightweight and flexible,easy handling,easy to store

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31	20	300	60	900	60	200
1"	25.4	37	20	300	60	900	60	200
1-1/4"	32	47	20	300	60	900	60	200
1-1/2"	38	54	20	300	60	900	60	200
2"	51	68	20	300	60	900	60	200
2-1/2"	64	81	20	300	60	900	60	200
3"	76	94	20	300	60	900	60	200
4"	102	121	20	300	60	900	60	200





HOT AIR BLOWER HOSE

Construction:

Tube: Black EPDM
Reinforcement: Multiple plies of polyester tire cord with wire helix
Cover: Black heat resistant EPDM rubber

Application:

Hot Air Blower flexible lightweight hose designed for transferring hot air to tanks on dry bulk material trucks.

Temperature: -40°C to 150°C
up to 325°F on an intermittent basis.
Not for steam service



Characteristic:

- EPDM tube and cover for high heat resistance.
- Temperature range up to +177°C(intermittent)
- Excellent flexibility,excellent anti aging.
- All sizes are full vacuum

I.D.		O.D	W.P		B.P.		Max L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/2"	38	50	10	150	30	450	61	200
2"	50.8	64	10	150	30	450	61	200
2-1/2"	64	76	10	150	30	450	61	200
3"	76.2	91	10	150	30	450	61	200
3-1/2"	89	104	10	150	21	300	61	200
4"	102	120	10	150	15	225	61	200
5"	127	144	10	150	15	225	61	200
6"	152	170	10	150	15	225	30.5	100

★ All other technical specifications are customizable per customer requirements

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AERATION HOSE

Construction: NR&PE compound

Specification:

- Outer diameter: 10-28mm
- Wall thickness: 2mm above
- The bubble diameter: 20-50um
- Dynamic power: 02 / kw. Hr
- The air flow: 3-12 cubic meters/HRM
- Applicable water depth: 0-6 meters

Applications:

Used to make the dissolved oxygen in the water reach higher amount and enhance the air density. Apply to aquaculture, sewage treatment, garden irrigation,greenhouse.

Characteristics:

- Cold resistance(-40°C,8h)
- Tensile strength ≥2.2 Mpa
- Tensile elongation ≥130 percent



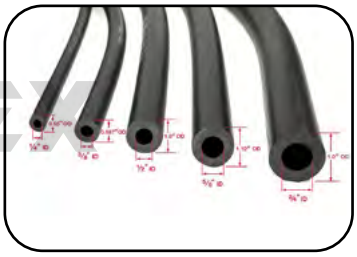
Type	Outer Diameter(mm)	Wall Diameter (mm)	Inside (mm)	Weight (g/m)	Meter/bundle	Package size
Ø9-16-A	16	3.5	9	0.14	200	48*48*35
Ø9-16-B				0.12		
Ø9-16-C				0.115		
Ø10-20-A	20	5	10	0.25	100	44*44*35
Ø10-20-B				0.2		
Ø10-20-C				0.185		
Ø10-25-A	25	7.5	10	0.42	100	54*54*35
Ø10-25-B				0.38		
Ø10-25-C				0.36		
Ø12-25-A	25	6.5	12	0.36	100	54*54*35
Ø12-25-B				0.3		
Ø12-25-C				0.26		
Ø16-25-A	25	4.5	16	0.3	100	54*54*35
Ø16-25-B				0.25		
Ø16-25-C				0.23		
Ø19-28-A	28	4.5	19	0.35	100	60*60*35
Ø19-28-B				0.29		
Ø19-28-C				0.28		
Ø23-32-A	32	4.5	23	0.56	50	50*50*35
Ø23-32-B				0.46		
Ø23-32-C				0.42		

PVC SINKING AIR HOSE

A heavy wall black tubing made from a very dense PVC compound. This tubing stays nea tly on the pond bottom without the need fo r ballast, and is extraordinarily tough and ab use resistant. The air hose is used to connect the blower and aeration tube, supply air flow to the aeration tube, then generate micro bubble, adding the oxygen into water. Support hole type, non-hole type.

Features and benefits:

It is made from thick walled PVC with some flexibility, suitable for any aquatic environment such as freshwater, salt water, wastewater or retention ponds. Good weather resistance even in cold weather. Available in 3/8", 1/2", 5/8", 3/4", and 1" for a wide variety of aeration systems from small pond to large lake. Crash and kink resistant.

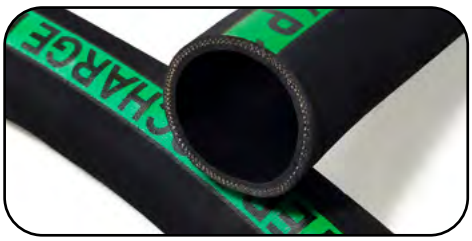


Material	PVC	**Minimum Operating Temperature**	25 °F
Self Sinking	Yes	**Flexibility**	Flexible
Inside Diameter	3/8-1"	**Clarity**	Opaque
Overall Length	100-300 ft	**Does Not Contain**	Phthalate
Color	Black, etc	**Application**	Commercial Hatcheries; Ice Clearing; Pond and Lake Aeration; Wastewater Lagoons; Water Recirculation
Maximum Operating Pressure	50 psi	**Features**	Durability; Greatly Reduces Installation Time; Reliability; Weighted Material for Pond Aeration
Maximum Operating Temperature		150 °F	

★ All other technical specifications are customizable per customer requirements

WATER DISCHARGE HOSE 150 PSI







Construction:

Tube: Black,smooth,NR,SBR rubber compound.
Reinforcement:Multi plies high strength synthetic fibre Cover:
Black,smooth or Wrapped surface, SBR rubber compound

Application:

Designed for water and non-corrosive fluids used in construction ,mines and light duty industrial applications.

Temperature:

-20°C to 80°C

Characteristics:

- weathering and ozone resistant.
- Flexible and light weight
- Max 60m/200ft

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12	10	150	30	450	100	330
1/4"	6.4	13	10	150	30	450	100	330
5/16"	7.9	15	10	150	30	450	100	330
3/8"	9.5	16	10	150	30	450	100	330
1/2"	12.7	22	10	150	30	450	100	330
5/8"	15.9	26	10	150	30	450	100	330
3/4"	19.1	29	10	150	30	450	100	330
7/8"	22.2	32	10	150	30	450	100	330
1"	25.4	35	10	150	30	450	100	330
1-1/4"	31.8	42	10	150	30	450	60	200
1-1/2"	38.1	48	10	150	30	450	60	200
2"	50.8	62	10	150	30	450	60	200
2-1/2"	63.5	76	10	150	30	450	60	200
3"	76.2	89	10	150	30	450	60	200
3-1/2"	88.9	103	10	150	30	450	60	200
4"	101.6	116	10	150	30	450	60	200
5"	127	142	10	150	30	450	30	100
6"	152.4	167	10	150	30	450	30	100
8"	203.2	219	10	150	30	450	30	100
10"	254	274	10	150	30	450	12	40
12"	304.8	322	10	150	30	450	12	40

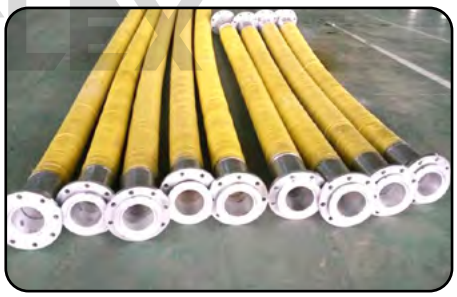
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WATER SUCTION HOSE 150 PSI







Construction:

Tube:Black,smooth,SBR/NR rubber compound.
Reinforcement:Multiple plies of high-strength synthetic fibre and helical steel wire
Cover:Black, wrapped finish,SBR rubber compound

Temperature:

-20°C to 80°C

Application:

Hard-wall hose designed for suction and discharge of water,and non-corrosive fluids on construction sites and light duty industrial applications.Ideal high pressure water discharge hose for rugged operating conditions.

Characteristics:

- Weathering and ozone-resistant.
- Anti-aging cover compound
- Flexible and lightweight

I.D.		O.D.	W.P.		B.P.		VACUUM	L	
inch	mm	mm	bar	psi	bar	psi	bar	m	ft
3/4"	19.1	31	10	150	30	450	0.8	60	200
1"	25.4	36	10	150	30	450	0.8	60	200
1-1/4"	32	45	10	150	30	450	0.8	60	200
1-1/2"	38	51	10	150	30	450	0.8	60	200
2"	51	64	10	150	30	450	0.8	60	200
2-1/2"	64	78	10	150	30	450	0.8	60	200
3"	76	90	10	150	30	450	0.8	60	200
3-1/2"	89	106	10	150	30	450	0.8	60	200
4"	102	119	10	150	30	450	0.8	30	200
5"	127	146	10	150	30	450	0.8	30	100
6"	152	172	10	150	30	450	0.8	30	100
8"	203	226	10	150	30	450	0.8	30	100
10"	254	282	10	150	30	450	0.8	11.8	40
12"	304	335	10	150	30	450	0.8	11.8	40
14"	350	380	10	150	30	450	0.8	11.8	40

★ All other technical specifications are customizable per customer requirements

WATER DISCHARGE HOSE 300PSI







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Construction:

Tube:Black,smooth,NR,SBR rubber compound.
Reinforcement:Multiple plies of high-strength synthetic fibre
Cover:Black,smooth or wrapped finish, SBR rubber compound,

Application:

Designed for water and non-corrosive fluids used in construction ,mines and light-duty industrial applications

Temperature:

-20°C to 80°C

Characteristics:

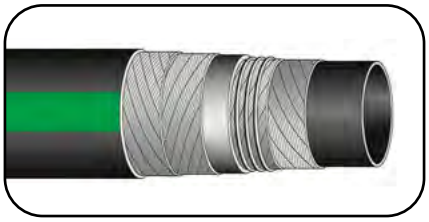
- weathering and ozone resistant.
- Flexible with high working pressure capacity
- Excellent for tough working conditions

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12	20	300	60	900	100	330
1/4"	6.4	13	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	16	20	300	60	900	100	330
1/2"	12.7	22	20	300	60	900	100	330
5/8"	15.9	26	20	300	60	900	100	330
3/4"	19	29	20	300	60	900	100	330
7/8"	22.2	32	20	300	60	900	100	330
1"	25.4	36	20	300	60	900	100	330
1-1/4"	32	44	20	300	60	900	60	200
1-1/2"	38	51	20	300	60	900	60	200
2"	51	65	20	300	60	900	60	200
2-1/2"	64	78	20	300	60	900	60	200
3"	76	91	20	300	60	900	60	200
3-1/2"	89	108	20	300	60	900	60	200
4"	102	120	20	300	60	900	60	200
5"	127	148	20	300	60	900	30	100
6"	152	173	20	300	60	900	30	100
8"	203	228	20	300	60	900	30	100
10"	254	280	20	300	60	900	11.8	40
12"	304	330	20	300	60	900	11.8	40

★ All other technical specifications are customizable per customer requirements

WATER SUCTION HOSE 300 PSI







Construction:

Tube:Black,smooth,NR,SBR rubber compound.
Reinforcement:Multiple plies of High strength synthetic fibre and helical steel wire
Cover:Black,wrapped finish,SBR rubber compound

Temperature:

-20°C to 80°C

Application:

Designed for water and non-corrosive fluids used in construction ,mines and light-duty industrial applications

Characteristics:

- weathering and ozone resistant.
- Flexible with high working pressure capacity
- Excellent for tough working conditions

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19	31	20	300	60	900	100	330
1"	25.4	37	20	300	60	900	100	330
1-1/4"	32	47	20	300	60	900	60	200
1-1/2"	38	54	20	300	60	900	60	200
2"	51	67	20	300	60	900	60	200
2-1/2"	64	81	20	300	60	900	60	200
3"	76	94	20	300	60	900	60	200
3-1/2"	89	108	20	300	60	900	60	200
4"	102	121	20	300	60	900	60	200
5"	127	150	20	300	60	900	30	100
6"	152	175	20	300	60	900	30	100
8"	203	231	20	300	60	900	30	100
10"	254	290	20	300	60	900	11.8	40
12"	304	341	20	300	60	900	11.8	40

ORIENTFLEX

★ All other technical specifications are customizable per customer requirements

RUBBER TANK CLEANING HOSE

Construction:

Tube: EPDM rubber, black, smooth
Reinforcement: High-strength synthetic plies and two stainless stranded static wires trailing at each end
Cover: EPDM rubber, black, weather- and aging-resistant

Temperature: -40°C to 150°C

Applications:

Cleaning of tanks/tankers with hot water mixed with steam and chemical addtives
Working Pressure: 20 bar
Bursting: 60 bar

I.D		O.D	W.P		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/4"	32	47	20	300	60	900	60	200
1-1/2"	38	54	20	300	60	900	60	200
2"	51	67	20	300	60	900	60	200
2-1/2"	64	81	20	300	60	900	60	200



WASHDOWN HOSE

Construction:

Tube : Tube: White heat-resistant rubber compound EPDM
Reinforcement: Two layers of synthetic yarns.
Cover: White wrapped surface, rubber compound EPDM

Application:

For general clean-up and hot water washdown service in dairies, meat packing houses, creameries, food processing, and bottling plants. The use of premium materials gives longer service life under high temperature use. Not suitable for steam service.

Temperature:

-40°C to 150°C

Characteristics:

- Ozone- and heat-resistant
- Fungus- and mould-resistant
- Longer service life







I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	13	22	20	300	60	900	100	330
3/4"	19	29	20	300	60	900	100	330
1"	25	36	20	300	60	900	100	330

★ All other technical specifications are customizable per customer requirements

NON-CONDUCTIVE FURNACE DOOR HOSE

Construction:
Tube: Tube: EPDM, white, smooth, and nonconductive
Reinforcement: 2-ply synthetic fabric
Cover: Glass fiber ply impregnated with heat- and flame-resistant synthetic rubber.

Application:
The non-conductive furnace door hose is designed for conveying cooling water to furnace doors in steel mills, glass plants and similar operations.

Temperature:
-40°C to 150°C

Characteristics:
- Superior heat resistance cover resists heat up to +575°F .
- Resists heat ,open flame and splashes of white hot metal to +575°F(+302°C).
- EPDM tube is non-conductive





ORIENTFLEX

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	13	22	10	150	30	450	60	200
3/4"	19	31	10	150	30	450	60	200
1"	25	37	10	150	30	450	60	200
1-1/4"	32	45	10	150	30	450	60	200
1-1/2"	38	52	10	150	30	450	60	200
2"	51	66	10	150	30	450	60	200

SPECIAL MEDIUM FREQUENCY FURNACE INSULATING HOSE

Reference Standard:
GB/T15329

Features:
Carbon-free insulation, withstand voltage 9kV, leakage current less than 15 μA under DC power

Hose Structure:
Inner layer: Synthetic rubber
Reinforcement: High-tensile fiber yarn braid
Outer layer: Synthetic rubber outer cover, resistant to high temperature, weather and abrasion.

Applications:
Cooling water hoses for power plants, steel mills, medium frequency furnaces, high frequency furnaces; used for conveying coolant, water or threading cables in furnaces.

Temperature Range:
Continuous -40°C to 150°C

ORIENTFLEX

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	**13**	**22**	**20**	**300**	**60**	**900**	**60**	**200**
3/4"	19	29	20	300	60	900	60	200
1"	25	35	20	300	60	900	60	200
1-1/4"	32	44	20	300	60	900	60	200
1-1/2"	38	50	20	300	60	900	60	200
2"	51	64	20	300	60	900	60	200

★ All other technical specifications are customizable per customer requirements

PRESSURE WASHER HOSE

Construction:
Tube: Black oil-resistant synthetic rubber.
Reinforcement: 1- or 2-ply high-tensile steel wire braiding
Cover: Black abrasion- and weather-resistant synthetic rubber.

Application:
Used for heavy-duty cleaning with hot and cold high-pressure water cleaning equipment where heavy duty service is required.

Characteristic:
Ozone and weather resistant
Abrasion resistant cover
Assembly available

Temperature: -40°C to 100°C






ORIENTFLEX

I.D.		O.D.		W.P.		B.P.		R	KG
inch	mm	inch	mm	MPa	psi	MPa	psi	mm	Kg/m
1/4"	6.4	0.52	13.2	22.5	3260	90	13040	100	0.23
1/4"	6.4	0.59	15.0	40	5800	160	23200	100	0.34
5/16"	7.9	0.59	15.1	21.5	3120	86	12480	115	0.27
5/16"	7.9	0.65	16.5	35	5075	140	20300	115	0.39
3/8"	9.5	0.69	17.5	18	2610	72	10440	130	0.34
3/8"	9.5	0.75	19.1	33	4785	132	19140	130	0.49
3/8"	9.5	0.69	17.5	27.5	4000	68.8	10000	130	0.34
3/8"	9.5	0.75	19.1	41.3	6000	103.2	15000	130	0.49

3/8 INCH PRESSURE WASHER HOSE

Construction:
Tube: Synthetic rubber
Reinforcement: One or two ply steel wire braiding.
Cover: Abrasion-resistant rubber cover

Tempetature: -40°C to 100°C



Application:
Designed for hot and cold water use, not for use with steam

Characteristics:
- Withstands high tension with extreme strength & flexibility
- Wire braid reinforcement keeps the hose sturdy & kink-resistant
- High Strength Rubber Cover
- Abrasion resistant & durable
- Reinforced rubber adds extra strength for hot & cold water
- Won't leave marks on concrete, floors, pavement, houses, or buildings at your power washing jobs
- Vinyl bend restrictors help reduce wear and tear on the connectors
- Swivel connector at one end helps prevent tangles and kinking
- Color: Black, Blue, Gray




ORIENTFLEX

Dia	Length	Bend Radius	Press	Bend R	Wt
(in)	(ft)	(in)	(psi)	(in)	(lbs)
3/8	50	MNPT x MNPT Swivel	4000	2.95	11
3/8	100	MNPT x MNPT Swivel	4000	2.95	20
3/8	150	MNPT x MNPT Swivel	4000	2.95	29
3/8	50	MNPT x MNPT Swivel	5800	3.5	16
3/8	100	MNPT x MNPT Swivel	5800	3.5	31
3/8	150	MNPT x MNPT Swivel	5800	3.5	45

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PVC HIGH PRESSURE WASHER HOSE

Construction:
Tube and cover: Smooth PVC
Reinforcement: High tensile polyester fibre braiding

Application:
Ideal for residential cleaning, vehicle washing, and general maintenance in parks, communities, factories, and other commercial settings.

Characteristic:
- M22*1.5 Metric male or Female Fitting on both ends
- Easy connection to washer gun
- Light weight, easy to handle
- High flexbility and anti-kinking
- High abrasion resistance
- Max working pressure 3000psi

Temperature: -40°C to 100°C








I.D.		O.D.	W.P.		B.P.		R	L
inch	mm	mm	MPa	psi	MPa	psi	mm	Kg/m
3/16"	5	9.5	16.8	2436	42	6090	90	0.075
3/16"	5.5	10	16.6	2407	41	5945	95	0.077
1/4"	6	11	16	2320	40	5800	100	0.079
1/4"	6.5	12	15	2175	40	5800	100	0.08





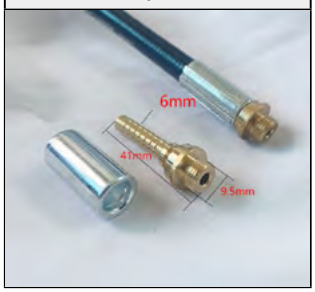
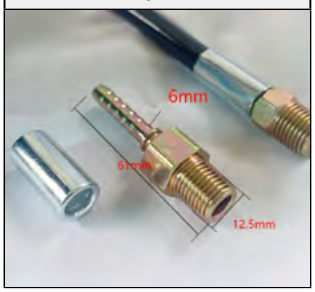




★ All other technical specifications are customizable per customer requirements

WASHER HOSE FITTING

Hose end	Male	Female	Blank Cap With Chain
			
			

1/8"	1/4"		
			
	M22*1.5 		M22*1.5 

M14*1.5	M14*1.5	M18*1.5	M18*1.5
			

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WATERBLAST HOSE

Construction:
Tube: Oil-resistant synthetic rubber
Reinforcement: Four or six steel wire spirals
Cover: Oil and weather resistant synthetic rubber
Temperature Range: -20°C to 80°C
Application: For use in the water blasting industry
Characteristics: High-strength steel wire with special processing



I.D.		O.D.	W.P.		B.P.		R	KG
inch	mm	mm	MPa	psi	MPa	psi	mm	Kg/m
3/8"	10	22	110	16000	275	40000	230	1.013
3/8"	10	24.9	150	21750	375	54375	240	1.285
1/2"	13	26.2	110	16000	275	40000	250	1.41
1/2"	13	29.2	150	21750	375	54375	260	1.857
3/4"	19	36	110	16000	275	40000	270	2.525

SEWER FLUSHING HOSE 250BAR

Construction:
Tube: SBR, black, smooth.
Reinforcement: Steel wire reinforcement.
Cover: NR/BR, black, smooth, highly abrasion Resistant, weather resistant.
Application:
The sewer flushing hose suited for sewer cleaning vehicles, for flushing drains and sewers in industry, commerce and infrastructure.
Characteristic:
Very cost effective due to its highly abrasion and weather resistant cover. The smooth cover provides a low friction coefficient and is easily cleaned.
Temperature: -40°C to 100°C



I.D.		O.D.	W.P.		B.P.		R	KG
inch	mm	mm	MPa	psi	MPa	psi	mm	Kg/m
1/2"	13	25	25	3625	62.5	9062.5	180	0.59
3/4"	19	31	25	3625	62.5	9062.5	240	0.89
1"	25	39	25	3625	62.5	9062.5	300	1.37





★ All other technical specifications are customizable per customer requirements

ULTRA HIGH PRESSURE HOSE

Industrial Applications

Waterjet cutting,cleaning of tubes and heat exchangers, removing paint and dirt from reservoirs, containers, ships, etc. industrial cleaning, checkingthe pressure of injection in diesel engines.

Hydraulic Applications

Hydraulic tensioners, testing devices

Advantages

High compatibility of multispiral thermoplastic hoses with fittings and ferrules of our own production.High resistance to chemicals and against abrasion



ORIENTFLEX

ULTRA HIGH PRESSURE HOSE SSB201

INNER TUBE: Polyamide **REINFORCEMENT:**Two spiral layers and one layer high tensile steel wire braiding
OUT COVER: Pin pricked anti-abrasion polyurethane

I.D		O.D	W.P			B.P			Min bending radius
inch	mm	mm	MPa	bar	psi	MPa	bar	psi	mm
1/4	6	13.2	110	1100	15950	280	2800	40600	70
5/16	8	14.5	100	100	14500	250	2500	36250	90
3/8	9.7	18	80	800	11600	200	2000	29000	120
1/2	12.7	21	70	700	10150	175	1750	25375	150

ULTRA HIGH PRESSURE HOSE SSB401

INNER TUBE: Polyamide **REINFORCEMENT:**Four spiral layers and two layers of high tensile steel wire braiding
OUT COVER: Pin pricked anti-abrasion polyurethane

I.D		O.D	W.P			B.P			Min bending radius
inch	mm	mm	MPa	bar	psi	MPa	bar	psi	mm
1/4	6	15	160	1600	23200	400	4000	58000	80
5/16	8	17	150	1500	21750	375	3750	54375	90
3/8	9.7	20	140	1400	20300	350	3500	50750	100
1/2	12.7	24	130	1300	18850	325	3250	47125	110

ULTRA HIGH PRESSURE HOSE SS200

INNER TUBE: Polyoxymethylene **REINFORCEMENT:**Two spiral layers of high tensile steel wire **OUT COVER:**Polyamide

I.D		O.D	W.P			B.P			Min bending radius
inch	mm	mm	MPa	bar	psi	MPa	bar	psi	mm
1/8	3.2	7	100	1000	14500	250	2500	36250	60
5/32	4	8.2	110	1100	15950	275	2750	39875	75
3/16	5	10	100	1000	14500	250	2500	36250	95
1/4	6.3	11.8	100	1000	14500	250	2500	36250	110
5/16	8	13.5	90	900	13050	225	2250	32625	120

ULTRA HIGH PRESSURE HOSE SS400

INNER TUBE:DN 3-8:Polyoxymethylene DN 10-19:Polyamide and fibers
REINFORCEMENT: Four spiral layers of high tensile steel wire **OUT COVER:**Polyamide

I.D		O.D	W.P			B.P			Min bending radius
inch	mm	mm	MPa	bar	psi	MPa	bar	psi	mm
1/8	3	9.5	200	2000	29000	500	5000	72500	110
5/32	4	13.8	200	2000	29000	500	5000	72500	130
1/4	6.3	15.2	150	1500	21750	375	3750	54375	180
5/16	7.8	17.5	140	1400	20300	350	3500	50750	200
3/8	9.6	20.2	130	1300	18850	325	3250	47125	200
1/2	11.9	23.4	120	1200	17400	300	3000	43500	220
3/4	19	34	100	1000	14500	250	2500	36250	260

★ All other technical specifications are customizable per customer requirements

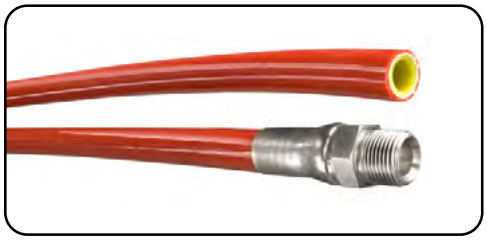
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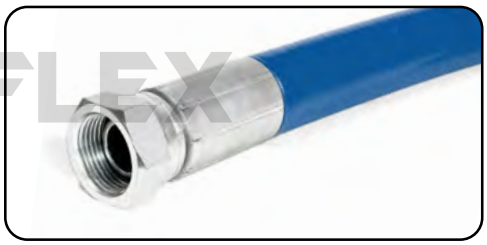
SEWER JETTING/CLEANING HOSE

Construction:
Inner Core:Orange seamless polyolefin tube
Reinforcement: one or two braids of high tensile synthetic fiber
Cover: High-abrasion, mold- and fungus-resistant polyether- urethane

Application:
The sewer cleaning hose is designed for use on high pressure sewer cleaning equipment.

Temperature: -40°C to 120°C





ORIENTFLEX

I.D.		O.D.	W.P.		B.P.		R	KG	L	
Inch	mm.	mm.	MPa	psi	MPa	psi	mm	Kg/m	m	ft
3/8"	10	18	17.3	2500	43.1	6250	60	0.19	120	394
1/2"	12.7	20.3	17.3	2500	43.1	6250	75	0.26	120	394
5/8"	16	27.2	17.3	2500	43.1	6250	103	0.37	120	394
3/4"	19	30	17.3	2500	43.1	6250	120	0.6	120	394
1"	25.4	38.7	17.3	2500	43.1	6250	155	0.9	120	394
1-1/4"	32	46.6	17.3	2500	43.1	6250	240	1.1	120	394

I.D.		O.D.	W.P.		B.P.		R	KG	L	
Inch	mm.	mm.	MPa	psi	MPa	psi	mm	Kg/m	m	ft
3/8"	10	18	21	3000	51.8	7500	60	0.2	120	394
1/2"	12.7	20.3	21	3000	51.8	7500	75	0.3	120	394
5/8"	16	27.2	21	3000	51.8	7500	103	0.42	120	394
3/4"	19	30	21	3000	51.8	7500	120	0.65	120	394
1"	25.4	38.7	21	3000	51.8	7500	155	1.0	120	394
1-1/4"	32	46.6	21	3000	51.8	7500	240	1.15	120	394

I.D.		O.D.	W.P.		B.P.		R	KG	L	
Inch	mm.	mm.	MPa	psi	MPa	psi	mm	Kg/m	m	ft
3/8"	10	18	27.5	4000	69	10000	60	0.23	120	394
1/2"	12.7	20.3	27.5	4000	69	10000	75	0.32	120	394
5/8"	16	27.2	27.5	4000	69	10000	103	0.4	120	394
3/4"	19	30	27.5	4000	69	10000	120	0.68	120	394
1"	25.4	38.7	27.5	4000	69	10000	155	1.1	120	394
1-1/4"	32	46.6	27.5	4000	69	10000	240	1.2	120	394

★ All other technical specifications are customizable per customer requirements

NITRILE FUEL HOSE 150 PSI

Construction:
Tube: Black,smooth,NBR rubber.
Reinforcement: High strength synthetic yarn.
Cover: Ozone- and oil-resistant.

Application:
Softwall hose designed for the transfer of petroleum-based produc ts,diesel,gasoline,lubricants,fuel,with aromatic content up to 50%.

Temperature: -20°C to 80°C

Characteristics:
- Weather- and abrasion-resistant cover
- Flexible with low distortion
- For aromatic content up to 50%





ORIENTFLEX

I.D.	O.D.	W.P.		B.P.		L
mm	mm	bar	psi	bar	psi	m
7.5	12.5	10	150	30	450	100
8	15	10	150	30	450	100
10	17	10	150	30	450	100
12	18	10	150	30	450	100
14	22	10	150	30	450	100
16	23	10	150	30	450	50
18	26	10	150	30	450	50
19	27	10	150	30	450	50
25	33	10	150	30	450	50

TEXTILE COVER FUEL/LPG HOSE

Construction:
Tube: Oil- and fuel-resistant.
Cover: Textile braid.

Application:
It is applied to circulating diesel, biodiesel, hydraulic oil, machinery oil and lubricating oil etc or the oil products.

Characteristic:
- 100% New NBR materials
- Aging resistant; insulation; oil resistant; acid and alkaline resistant

Temperature: -20°C to 80°C



ORIENTFLEX

I.D.	O.D.	W.P.		B.P.		L
mm	mm	bar	psi	bar	psi	m
3.2	7	10	150	30	450	100
3.5	7.5	10	150	30	450	100
4	8	10	150	30	450	100
4	9	10	150	30	450	100
5	10	10	150	30	450	100
5.5	10.5	10	150	30	450	100
6	11	10	150	30	450	100
6	12	10	150	30	450	100
7	12	10	150	30	450	100

★ All other technical specifications are customizable per customer requirements

NITRILE FUEL DISCHARGE HOSE 150 PSI







ORIENTFLEX

Construction:

Tube: Black, smooth, nitrile rubber (NBR).
Reinforcement: Multi-ply, high-strength synthetic fabric.
Cover: Black, wrapped surface, weather- and ozone-resistant synthetic rubber.

Application:

Softwall hose designed for the discharge of petroleum-based products, diesel, gasoline, lubricants, and fuel with an aromatic content up to 50%.

Temperature:

-20°C to 80°C

Characteristics:

- Weather- and abrasion-resistant cover
- Flexible with minimal distortion
- Suitable for aromatic content up to 50%

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11	10	150	30	450	100	330
1/4"	6.4	13	10	150	30	450	100	330
5/16"	7.9	15	10	150	30	450	100	330
3/8"	9.5	17	10	150	30	450	100	330
1/2"	12.7	22	10	150	30	450	100	330
5/8"	15.9	26	10	150	30	450	100	330
3/4"	19.1	29	10	150	30	450	100	330
7/8"	22.2	32	10	150	30	450	100	330
1"	25.4	36	10	150	30	450	100	330
1-1/4"	32	44	10	150	30	450	60	200
1-1/2"	38	51	10	150	30	450	60	200
2"	51	64	10	150	30	450	60	200
2-1/2"	64	78	10	150	30	450	60	200
3"	76	89	10	150	30	450	60	200
3-1/2"	89	103	10	150	30	450	60	200
4"	102	116	10	150	30	450	60	200

★ All other technical specifications are customizable per customer requirements

NITRILE FUEL DISCHARGE HOSE 300 PSI







Construction:

Tube: Black, smooth, nitrile rubber.
Reinforcement: Multi-ply, high-strength synthetic fabric.
Cover: Black, wrapped surface, weather- and ozone-resistant synthetic rubber.

Application:

Softwall hose designed for the discharge of petroleum-based products, diesel, gasoline, lubricants, and fuel with an aromatic content up to 50%.

Temperature:

-20°C to 80°C

Characteristics:

- Weather- and abrasion-resistant cover
- Flexible with minimal distortion
- Suitable for aromatic content up to 50%

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12	20	300	60	900	100	330
1/4"	6.4	13	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	16	20	300	60	900	100	330
1/2"	12.7	22	20	300	60	900	100	330
5/8"	15.9	26	20	300	60	900	100	330
3/4"	19	29	20	300	60	900	100	330
7/8"	22.2	32	20	300	60	900	100	330
1"	25.4	36	20	300	60	900	100	330
1-1/4"	32	44	20	300	60	900	60	200
1-1/2"	38	51	20	300	60	900	60	200
2"	51	65	20	300	60	900	60	200
2-1/2"	64	78	20	300	60	900	60	200
3"	76	91	20	300	60	900	60	200
3-1/2"	89	108	20	300	60	900	60	200
4"	102	120	20	300	60	900	60	200

★ All other technical specifications are customizable per customer requirements

NITRILE PETROL SUCTION HOSE 150 PSI







ORIENTFLEX

Construction:

Tube: Black, smooth, nitrile rubber.

Reinforcement: Multi-ply high-strength synthetic fabric and steel wire helix skeleton.

Cover: Black, wrapped surface, weather- and ozone-resistant synthetic rubber.

Application:

Designed for the suction and discharge of petroleum-based products, diesel, gasoline, lubricants, and fuel with an aromatic content up to 50%.

Temperature:

-20°C to 80°C

Characteristics:

- Weather- and abrasion-resistant cover
- Both flat and corrugated covers available
- Highly flexible with full vacuum capability
- Suitable for aromatic content up to 50%

I.D.		O.D.	W.P.		B.P.		VACUUM	L	
inch	mm	mm	bar	psi	bar	psi	bar	m	ft
3/4"	19.1	31	10	150	30	450	0.8	60	200
1"	25.4	36	10	150	30	450	0.8	60	200
1-1/4"	32	45	10	150	30	450	0.8	60	200
1-1/2"	38	51	10	150	30	450	0.8	60	200
2"	51	64	10	150	30	450	0.8	60	200
2-1/2"	64	78	10	150	30	450	0.8	60	200
3"	76	90	10	150	30	450	0.8	60	200
3-1/2"	89	106	10	150	30	450	0.8	60	200
4"	102	119	10	150	30	450	0.8	30	200
5"	127	146	10	150	30	450	0.8	30	100
6"	152	172	10	150	30	450	0.8	30	100
8"	203	226	10	150	30	450	0.8	30	100
10"	254	282	10	150	30	450	0.8	11.8	40
12"	304	335	10	150	30	450	0.8	11.8	40
14"	350	380	10	150	30	450	0.8	11.8	40

★ All other technical specifications are customizable per customer requirements

NITRILE PETROL SUCTION HOSE 300 PSI







Construction:

Tube: Black, smooth, nitrile rubber

Reinforcement: Multi plies high strength synthetic fabric and steel wire helix skeleton

Cover: Black, wrapped surface,weather and ozone resistant, synthetic rubber

Application:

For suction and discharge of petroleum-based products, diesel, gasoline, lubricants, fuel with aromatic content up to 50%.

Temperature:

-20°C to 80°C

Characteristics:

- Weather and abrasion resistant cover
- Both flat and corrugated covers available
- Flexible and full vacuum
- For aromatic content up to 50%
- Heavy-duty construction for 300 PSI applications

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19	31	20	300	60	900	100	330
1"	25.4	37	20	300	60	900	100	330
1-1/4"	32	47	20	300	60	900	60	200
1-1/2"	38	54	20	300	60	900	60	200
2"	51	67	20	300	60	900	60	200
2-1/2"	64	81	20	300	60	900	60	200
3"	76	94	20	300	60	900	60	200
3-1/2"	89	108	20	300	60	900	60	200
4"	102	121	20	300	60	900	60	200
5"	127	150	20	300	60	900	30	100
6"	152	175	20	300	60	900	30	100
8"	203	231	20	300	60	900	30	100
10"	254	290	20	300	60	900	11.8	40
12"	304	341	20	300	60	900	11.8	40

★ All other technical specifications are customizable per customer requirements

NITRILE PETROL SUCTION HOSE 400 PSI

Construction:
Tube: Black, smooth, nitrile rubber.
Reinforcement: Multi-ply high-strength synthetic fabric and steel wire helix skeleton.
Cover: Black, wrapped surface, weather- and ozone-resistant synthetic rubber.

Application:
Designed for the suction and discharge of petroleum-based products, diesel, gasoline, lubricants, and fuel with an aromatic content up to 50%.

Temperature: -20°C to 80°C

Characteristics:
- Weather- and abrasion-resistant cover
- Both flat and corrugated covers available
- Highly flexible and full vacuum capability
- Suitable for aromatic content up to 50%
- Heavy-duty construction for 400 PSI applications



I.D.		O.D.	W.P.		VACUUM	R		L	
inch	mm	mm	bar	psi	bar	mm	m	ft	ft
2"	50.8	67	27.6	400	0.8	250	60	200	200
2-1/2"	63.5	80	27.6	400	0.8	380	60	200	200
3"	76.2	92	27.6	400	0.8	460	60	200	200
3-1/2"	88.9	110	27.6	400	0.8	550	60	200	200
4"	101.6	122	27.6	400	0.8	610	60	200	200

FRACK OILFIELD FUEL DISCHARGE HOSE 400 PSI

Construction:
Tube: Black, smooth, nitrile rubber.
Reinforcement: 6 plies of high-tensile fabric and steel wire helix skeleton with anti-static wire.
Cover: Weather- and abrasion-resistant synthetic rubber.

Application:
Designed for the transfer of multiple types of hydraulic fracking fluids from tank trucks, and engineered to meet the high working pressure demands of hydraulic fracturing operations.

Temperature: -20°C to 80°C

Characteristics:
- Weather- and abrasion-resistant cover
- Designed for aromatic content up to 50%
- Heavy-duty construction for 400 PSI applications



I.D.		O.D.	W.P.		VACUUM	R	L	
inch	mm	mm	bar	psi	bar	mm	m	ft
2"	50.8	69	27.6	400	0.8	250	60	200
2-1/2"	63.5	82	27.6	400	0.8	380	60	200
3"	76.2	94	27.6	400	0.8	460	60	200
3-1/2"	88.9	112	27.6	400	0.8	550	60	200
4"	101.6	124	27.6	400	0.8	610	60	200

★ All other technical specifications are customizable per customer requirements

NITRILE PETROL SUCTION HOSE 40BAR

Construction:

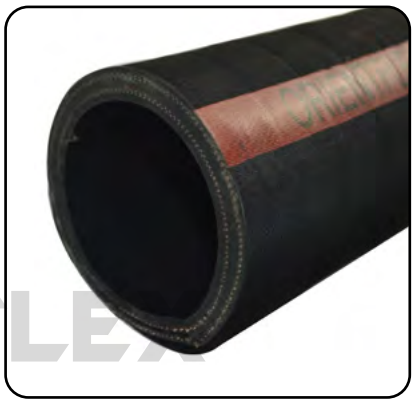
Tube: Black, smooth, nitrile rubber.

Reinforcement: Multi-ply high-strength synthetic fabric and steel wire helix skeleton.

Cover: Black, wrapped surface, weather- and ozone-resistant synthetic rubber.

Temperature: -20°C to 80°C

Application: Designed for the suction and discharge of petroleum-based products, diesel, gasoline, lubricants, and fuel with an aromatic content up to 50%.



Characteristics:

- Weather- and abrasion-resistant cover
- Both flat and corrugated covers available
- Highly flexible with full vacuum capability
- Suitable for aromatic content up to 50%
- Heavy-duty construction for 40 Bar (600 PSI) applications

I.D.		O.D.	W.P.		VACUUM	R		L	
inch	mm	mm	bar	psi	bar	mm	m	ft	ft
2"	51	72	40	600	0.8	306	60	200	200
3"	76	100	40	600	0.8	456	60	200	200
4"	102	129	40	600	0.8	612	60	200	200
5"	127	160	40	600	0.8	762	30	100	200
6"	152	187	40	600	0.8	912	30	100	200
8"	203	247	40	600	0.8	1218	30	100	100

HOT TAR & ASPHALT SUCTION HOSE 150PSI

Construction:

Tube: Black,smooth,special elastomer compound

Reinforcement: 2 or 4 layers high tensile cord with steel wire helix, anti-static wires

Cover: Black,wrapped finish,synthetic elastomer compound for high abrasion,ozone & weather resistance

Application: Hot tar and alphalt suction hose is specially designed for conveying hot tar and asphalt.

Temperature: -40°C to 150°C



Characteristic:

- Tube is synthetic oil,abrasion,and heat resistant
- Cover is resistant to weathering and abrasion.
- Special tube is heat resistant up to 180°C
- All sizes are full vacuum

I.D.		O.D.	W.P.		VACUUM	R	L	
inch	mm	mm	bar	psi	bar	mm	m	ft
2"	51	68	20	300	0.8	306	60	200
3"	76	94	20	300	0.8	456	60	200
4"	102	121	20	300	0.8	612	60	200
5"	127	150	20	300	0.8	762	30	100
6"	152	175	20	300	0.8	912	30	100

★ All other technical specifications are customizable per customer requirements

HIGH PRESSURE GREASE HOSE

Construction:
Tube: Black, oil-resistant synthetic rubber.
Reinforcement: 1 or 2 layers of high-tensile steel wire braiding.
Cover: Black, abrasion- and weather-resistant synthetic rubber.

Application: Used for well hydraulic support, oilfield exploitation, suitable for engineering construction, lifting transportation, metallurgical forging, mining equipment, ships, injection molding machines, agricultural machinery, and mechanization of various industrial sectors, transportation in automated hydraulic systems.

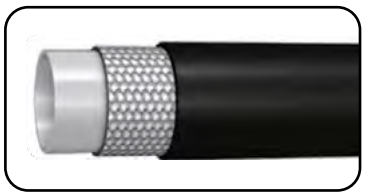
Temperature: -40°C to 100°C



I.D.		O.D.		W.P.		B.P.		R	L
inch	mm	inch	mm	MPa	psi	MPa	psi	mm	Kg/m
1/4"	6.4	0.52	13.2	22.5	3260	90	13040	100	0.23
1/4"	6.4	0.59	15.0	40	5800	160	23200	100	0.34

LUBRICATION/GREASE HOSE

Inner tube: Polyamide
Reinforcement: One layer of braided, high-resistance synthetic fiber
Out cover: Pin-pricked, anti-abrasion polyurethane
Standard: DIN 1283
Temperature: -40°C to 120°C



I.D.		O.D.	W.P.		B.P.		R	KG
inch	mm	mm	MPa	psi	MPa	psi	mm	Kg/m
1/8"	4	8.6	28.0	4060	84	12180	20	0.053
3/16"	5	10	28	4060	84	12180	30	0.068
1/4"	6.3	11.2	28.0	4060	72	10440	40	0.078
1/8"	4	9	40	5800	100	14500	20	0.062
1/8"	4.2	8.8	36.0	5220	90	13050	20	0.058







★ All other technical specifications are customizable per customer requirements



Oil Filling Machine



Grease Gun



Grease Gun Coupler Double Handle



Carbon Steel Nipple



Stainless Steel Grease Nipple



Brass Grease Nipple

★ All other technical specifications are customizable per customer requirements

BLUE HIGH TEMPERATURE HYDRAULIC OIL HOSE

Construction:

Tube: Oil-resistant synthetic nitrile rubber.

Reinforcement: 1 or 2 layers steel wire braiding.

Cover: Oil-resistant synthetic nitrile rubber.



Application:

The high-temperature-resistant high-pressure hose is designed for petroleum-and fire-resistant hydraulic fluids, fuel and lubricating oils, gasoline, water, and other industrial fluids.

Temperature:

-40°C to 150°C

Characteristics:

- High temperature resistance up to +150 °C
- Excellent anti-aging and abrasion resistance
- UV and ozone resistant

SAE 100R1AT, EN 853 1SN TYPE,BLUE SINGLE WIRE BRAID HOSE

I.D.		O.D.		W.P.		B.P.		R	KG
in	mm	in	mm	MPa	psi	MPa	psi	mm	Kg/m
1/4"	6.4	0.61	15.5	22.5	3260	90	13040	100	0.35
5/16"	7.9	0.77	19.5	21.5	3117	86	12468	120	0.39
3/8"	9.5	0.85	21.5	18.0	2610	72	10440	150	0.44
1/2"	12.7	0.96	24.5	16.0	2320	64	9280	200	0.53
5/8"	16	1.08	27.5	13.0	1885	52	7540	240	0.63
3/4"	19.1	1.20	30.5	10.5	1522	42	6088	290	0.71
1"	25.4	1.48	37.5	8.8	1276	35.2	5104	380	0.94
1-1/4"	31.8	1.73	44	6.3	913	25.2	3652	480	1.29
1-1/2"	38.1	2.26	57.5	5.0	725	20	2900	570	1.52
2"	50.8	2.50	63.5	4.0	580	16	2320	770	1.85

SAE 100R2AT, EN 853 2SN TYPE,BLUE DOUBLE WIRE BRAID HOSE

I.D.		O.D.		W.P.		B.P.		R	KG
in	mm	in	mm	MPa	psi	MPa	psi	mm	Kg/m
1/4"	6.4	0.53	19	40	5800	160	23200	100	0.45
5/16"	7.9	0.61	21	35	5075	140	20300	120	0.55
3/8"	9.5	0.69	23	33.0	4785	132	19140	150	0.6
1/2"	12.7	0.81	26	27.5	3985	110	15940	200	0.7
5/8"	16	0.94	29	25.0	3625	100	14500	240	0.86
3/4"	19.1	1.09	32	21.5	3117	86	12468	290	0.9
1"	25.4	1.41	38.5	16.5	2392	66	9568	380	1.37
1-1/4"	31.8	1.73	45.5	12.5	1812	50	7248	480	1.8
1-1/2"	38.1	1.99	58	9.0	1305	36	5220	570	2
2"	50.8	2.52	65	8.0	1160	32	4640	770	2.55

★ All other technical specifications are customizable per customer requirements

FUEL DISPENSER PUMP HOSE

Construction:

Tube: Nitrile synthetic rubber, smooth.

Reinforcement: Steel wire braid.

Reinforcement: Fiber braid with the copper wire (low temperature).

Cover: Nitrile synthetic rubber; available in black, green, red, blue, or yellow.

Application:

Designed for general refueling equipment to convey aviation kerosene, gasoline, diesel oil, and other mineral oils.

Temperature: -20°C to 100°C /-40°C to 100°C

Characteristic:

- Designed for fuel with an aromatic content up to 50%
- Weather- and ozone-resistant cover
- C/W coupling SHF









I.D.		O.D.	O.D low temperature	W.P.		B.P.		R	KG	Kg low temperature
inch	mm	mm	mm	bar	psi	bar	psi	mm	kg/m	kg/m
5/8"	15.9	25.4	26	18	258	72	1032	160	0.59	0.53
3/4"	19.1	28.7	31	18	258	72	1032	190	0.67	0.72
1"	25.4	35.1	37	18	258	72	1032	240	0.89	0.93

Small Gasoline Dispenser



Voltage	12V/24V/220V
Power	600w
Flow Rate	30L/Min
Flow Meter	Piston Flow Meter
Packing Dimensions	63*48*58cm
Gross Weight	60kg

Manual Operated Fuel Nozzle



Flow Range	90L/min
Outlet Size	3/4"
Intlet Size	1"
Material	Aluminum Alloy
Net Weight	13kg

Automatic Nozzles



Flow Range	60L/min
Outlet Size	1/2" or 3/4"
Intlet Size	3/4" Internal Thread
Material	Aluminum Alloy
Color of Insulator	red/green/blue/ yellow/black

Automatic Shut-Off Fuel Nozzle with Digital Flow Meter



Inlet Thread	BSPF/NPT 3/4”
Diamter of Spout	3/4“ & 1/2
Maximum Flow Rate	60L/Min
Accuracy	±0.5%
Color of Insulator	Red/Yellow/Blue/ Green/Black

Articulated Hose Swivel



3/4"BSP
1"BSP
3/4"NPT
1"NPT

Reusable Curb Pump Hose Swivel Couplings



3/4"BSP
1"BSP
3/4"NPT
1"NPT

Reusable Curb Pump Hose fixed Couplings



3/4"BSP
1"BSP
3/4"NPT
1"NPT

Hose connection swivel



3/4"
1"

★ All other technical specifications are customizable per customer requirements

FUEL DISPENSER PUMP HOSE

Cast Iron Hand Rotary Pump for Drum Barrel		
Diesel/Kerosene/Petrol		
	Flow Rate	22L/min
	Inlet	32mm
	Outlet	25mm
	Power	Manual
	Delivery Height	5m
	Suction distance	1.5m

Hand Pump		
Diesel/Non Corrosive Liquids		
	Speed	1 gallon per 4 strokes
	Outlet Size	25mm
	Materials	Zinc Alloy, Polyethylene, Steel & Neoprene
	Color	Blue
	Weight	2.07 pounds
	Certification	CE

Diesel Transfer Pump Kit with Nozzle and Hose		
	Model Number	DCTP40-N
	Flow Rate	40L/min
	Voltage	12V/24V
	Power	150W
	Max Delivery Lift	15m
	Suction Hose	2m 3/4" Size
	Outlet Hose Length	4m 1" Size

Spring Rewind Fuel Hose Reel		
	Hose Length	10m/15m
	Inlet & Outlet	3/4" or 1"
	Weight	30kg
	Material	Cast Iron
	Working Pressure	20Bar
	Hose	Rubber Hose

OILN01 Oil Lubricant Nozzle		
	Oil/Lubricant	
	Flow Rate	1-35 L/min
	Max Working Pressure	100Bar
	Accuracy	0.30%

GAS STATION UNDERGROUND HDPE PIPE

Conductive Secondary Contained Pipes

Product features

The double-layer structure can monitor the clearance space for leakage

Natural EVOH resin inner liner in primary and secondary pipes can reach a new level of protection, performance and dependability

The primary pipe has an electrostatic conductive layer, and the surface resistivity is less than 10 Ω.m

The design pressure is 1.6MPa, and the rated working pressure is 1MPa

Operating temperature: -40 °C to +50 °C.

Both self-priming (negative pressure) and pressure (positive pressure) can be applied

With inspection reports issued by the National Chemical Building Materials Testing Center and the National Petroleum Pipe Quality Supervision and Inspection Center

Approved according to EN14125:2013 standard, and meet the technical requirements of Sinopec Gas Station Buried Thermoplastic Composite Pipes

All raw materials are imported with premium quality

The supporting pipe fttings are all integrated, using high-efficient electrofusion welding technology to avoid leakage

Product structure - Piping

- Inner pipe layering (double layer pipe)
- Five-layer co-extrusion + two-layer co-extrusion

★ All other technical specifications are customizable per customer requirements



Model	Description	Diameter Φ(mm)	Length (m)	Package
VH-01-65/54	Conductive pipes with permeation barrier and secondary containment	65/54	100m coil,6m stick	PP winding
VH-01-75/63		75/63	100m coil,6m stick	PP winding
VH-01-125/110		125/110	6m stick	PP winding
Approved according to EN14125:2013 standard				

Conductive Primary Pipes



Model	Description	Diameter Φ(mm)	Length (m)	Package
VH-01-54	Conductive pipes with permeation barrier	54	100m coil,	PP winding
VH-01-63		63	6m stick	PP winding
VH-01-90		90	100m coil,	PP winding
VH-01-110		110	6m stick	PP winding

Conductive Electrofusion 45°/90°Elbow Fitting for Secondary Containment Pipes



Model	Description	Diameter Φ(mm)	Weight (kg)	Package
VH-03-75/63-90D	Conductive and electrofusion	75/63	0.7	Poly bag in carton
VH-03-125/110-45D		125/110	2	Poly bag in carton
VH-03-125/110-90D		125/110	2.8	Poly bag in carton

Conductive Electrofusion 45°/90°Elbow Fitting for Primary Pipes



Model	Description	Diameter Φ(mm)	Weight (kg)	Package
VH-03-63-90D	Conductive and electrofusion	63	0.35	Poly bag in carton
VH-03- 90-45D		90	0.6	Poly bag in carton
VH-03- 90-90D		90	0.75	Poly bag in carton
VH-03-110-45D		110	1	Poly bag in carton
VH-03-110-90D		110	1.45	Poly bag in carton

Welding Coupler for Secondary Containment Pipes



Model	Description	Diameter Φ(mm)	Weight (kg)	Package
VH-02-65/54	Conductive and electrof	65/54	0.3	Poly bag in carton
VH-02-75/63		75/63	0.42	Poly bag in carton
VH-02-125/110		125/110	1.45	Poly bag in carton

★ All other technical specifications are customizable per customer requirements

Welding Coupler for Primary Pipes



Model	Description	Diameter Φ(mm)	Weight (kg)	Package
VH-02-63	Conductive and electrofusion	63	0.25	Poly bag in carton
VH-02 90		90	0.4	Poly bag in carton
VH-02-110		110	0.53	Poly bag in carton

Conductive Single Wall Electrofusion Tee Fitting



Model	Description	Diameter Φ(mm)	Weight (kg)	Package
VH-05-63	Conductive and electrofusion	63	0.43	Poly bag in carton
VH-05-90		90	0.85	Poly bag in carton
VH-05-110		110	1.35	Poly bag in carton

Conductive Double Wall Electrofusion Tee Fitting



Model	Description	Diameter Φ(mm)	Weight (kg)	Package
VH-05-75/63S	Conductive and electrofusion	75/63	0.9	Poly bag in carton

Termination Fitting with/without Test Port



Model	Description	Diameter Φ(mm)	Weight (kg)	Package
VH-06-65/54D	With Test Port	65/54	0.21	Poly bag in carton
VH-06-75/63D	With Test Port	75/63	0.16	Poly bag in carton
VH-06-125/110D	With Test Port	125/110	0.58	Poly bag in carton
VH-06-65/54W	Without Test Port	65/54	0.18	Poly bag in carton
VH-06-75/63W	Without Test Port	75/63	0.13	Poly bag in carton
VH-06-125/110W	Without Test Port	125/110	0.54	Poly bag in carton

Termination Fitting with/without Test Port



Model	Diameter Φ (mm)	Weight (kg)	Package
VH-PR-90/63	90/63	0.21	Poly bag in carton
VH-PR-110/63	110/63	0.27	Poly bag in carton
VH-PR-110/75	110/75	0.29	Poly bag in carton
VH-PR-110/90	110/90	0.31	Poly bag in carton

★ All other technical specifications are customizable per customer requirements

TANK TRUCK OIL HOSE

Construction:
Tube: Black, smooth, nitrile rubber
Reinforcement: High strength synthetic fabric and helix wire, with anti-static copper wire
Cover: Black or red, smooth or corrugated, oil, fuel, and weathering resistant synthetic rubber



Application:
Hardwall hose designed for suction and delivery of a wide range of petroleum fuel with aromatic content up to 50% for tank trucks.

Characteristic:

- Weather and abrasion resistant cover
- Corrugated cover available, more flexible
- Light weight, easy to handle
- Designed for aromatic content up to 50%

Temperature: -20°C to +80°C

ORIENTFLEX

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/4"	32	45	10	150	30	450	60	200
1-1/2"	38	51	10	150	30	450	60	200
2"	51	64	10	150	30	450	60	200
2-1/2"	64	78	10	150	30	450	60	200
3"	76	91	10	150	30	450	60	200
3-1/2"	89	106	10	150	30	450	60	200
4"	102	119	10	150	30	450	60	200
5"	127	146	10	150	30	450	30	100
6"	152	170	10	150	30	450	30	100

FUEL DROP HOSE

Construction:
Specially blended nitrile (NBR) rubber tube with rigid PVC helix and embedded grounding wire.

Applications:
The fuel drop hose is used for tank truck gravity drop fuel transfer

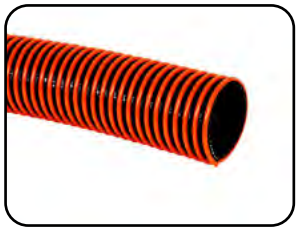
Characteristic:

- Specialty Rubber Compounds-Designed to handle gasoline, diesel, ethanol
- Durable Construction-Designed with high tensile strength polyester yarn fabric reinforcement.
- Easy to Handle-Lighter weight and greater flexibility than conventional rubber drop hose
- Grounding Wire-Durable multi-strand copper wire dissipates static electricity
- Static Dissipating Tube-Specially formulated to help prevent the build-up of static electricity for added safety.
- Easy Slide Helix-Rigid clockwise helix design protects hose tube from cover wear

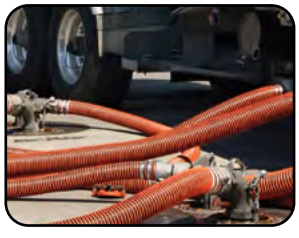
Temperature:
-4˚F (-20˚C) to 150˚F (+65˚C)

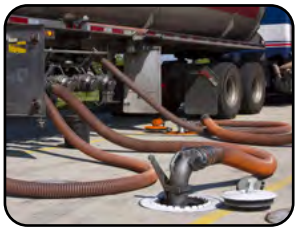
ORIENTFLEX

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	50.8	66	5	72.5	12.5	181	30	100
3"	76	93	4	58	10	145	30	100
4"	102	121	4	58	10	145	30	100









★ All other technical specifications are customizable per customer requirements

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DOCK OIL TRANSFER HOSE/BUNKERING HOSE





Construction:

Tube: Black, smooth, Nitrile synthetic rubber, suitable for up to 50% aromatic content

Reinforcement: Multiply heavy duty synthetic tire cord supported with helix wire, anti-static wires

Cover: Black, wrapped finish, synthetic rubber for high abrasion, ozone & weather resistance

Temperature:

-30°C to 100°C

Application:

Heavy duty suction and discharge dock hose designed for transferring petroleum product up to 50% aromatic content from tankers and barges, bunkering service and industrial applications.

Characteristic:

- C/W built-in flanges with one side fixed and one side swivel
- Heavy duty construction for 300psi
- Designed for petrol products up to 50% aromatic content
- High abrasion, ozone & weather resistant cover

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	51	67	20	300	60	900	60	200
2-1/2"	64	81	20	300	60	900	60	200
3"	76	94	20	300	60	900	60	200
3-1/2"	89	108	20	300	60	900	60	200
4"	102	120	20	300	60	900	60	200
5"	127	150	20	300	60	900	30	100
6"	152	175	20	300	60	900	30	100
8"	203	231	20	300	60	900	30	100

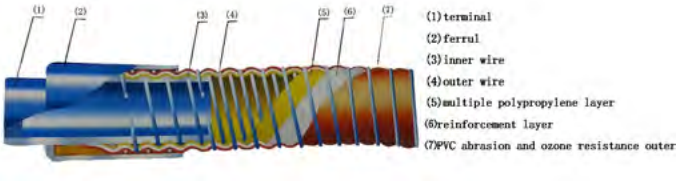
★ All other technical specifications are customizable per customer requirements

COMPOSITE OIL HOSE

Suitable for use on oil and petroleum products, on road and railway equipment or on fixed installations.

Structure:

Internal spiral: galvanized steel wire
Inner layer: Polypropylene film
Reinforcement layer: Polypropylene layer
Outer: Outer PVC fabric, black, corrugated
External spiral: Galvanized spiral steel wire



Temperature: -30°C to +100°C **Working pressure:** 10Bar **Length:** 30m

I.D.		O.D.	W.P.		B.P.		VACUUM	L	
inch	mm	mm	bar	psi	bar	psi	bar	m	ft
1"	25	36	10	150	40	600	0.85	40	131
1-1/4"	32	43	10	150	40	600	0.85	40	131
1-1/2"	38	49	10	150	40	600	0.85	40	131
2"	51	62	10	150	40	600	0.85	40	131
2-1/2"	64	78.5	10	150	40	600	0.85	40	131
3"	76	95	10	150	40	600	0.85	40	131
3-1/2"	89	108	10	150	40	600	0.85	40	131
4"	102	118	10	150	40	600	0.85	40	131
5"	127	149	10	150	40	600	0.85	40	131
6"	152	180	10	150	40	600	0.85	20	65
8"	203	234	10	150	40	600	0.85	20	65

COMPOSITE CHEMICAL HOSE

Suitable for pumping most aggressive chemicals, oils and petroleum products.

Structure:

Internal spiral: Polypropylene coated steel wire or stainless steel 304L (316L available)
Inner layer: Polypropylene film
Reinforcement layer: Polypropylene layer
Outer layer: gray, covered with PVC fabric
External spiral: Galvanized steel wire or stainless steel 304L (316L available)



Temperature: -30°C to +100°C

I.D.		O.D.	W.P.		B.P.		VACUUM	L	
inch	mm	mm	bar	psi	bar	psi	bar	m	ft
1"	25	36	10	150	40	600	0.85	30	100
1-1/4"	32	43	10	150	40	600	0.85	30	100
1-1/2"	38	49	10	150	40	600	0.85	30	100
2"	51	62	10	150	40	600	0.85	30	100
2-1/2"	64	78.5	10	150	40	600	0.85	30	100
3"	76	95	10	150	40	600	0.85	30	100
3-1/2"	89	108	10	150	40	600	0.85	30	100
4"	102	118	10	150	40	600	0.85	20	65
5"	127	149	10	150	40	600	0.85	20	65
6"	152	180	10	150	40	600	0.85	20	65
8"	203	234	10	150	40	600	0.85	20	65

★ All other technical specifications are customizable per customer requirements

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COMPOSITE BIOFUEL HOSE



It is suitable for pumping and conveying various petroleum products and petroleum derivatives, such as kerosene, aviation fuel, biofuel, ethanol, etc., on road and rail tank cars and fixed equipment.

Structure:

Internal spiral: Stainless steel 304L (1.4306) Available in: Stainless steel 316L (1.4404)
Inner layer: PTFE film

Reinforcement layer: PP cloth, PP and PET layer

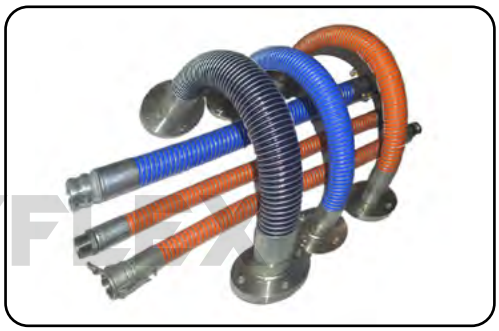
Outer layer: PVC coated fabric, green, corrugated paper

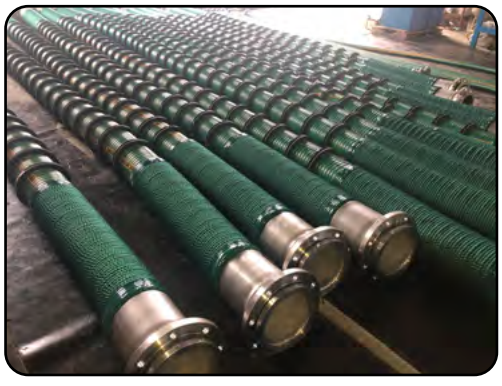
External spiral: Stainless steel 304L (1.4306) Available: Stainless steel 316L (1.4404)

Temperature: -30°C to 90°C

I.D.		O.D.	W.P.		B.P.		VACUUM	L	
(in)	(mm)	(mm)	(bar)	(psi)	(bar)	(psi)	(bar)	(m)	(ft)
1"	25	36	10	150	40	600	0.85	30	100
1-1/4"	32	43	10	150	40	600	0.85	30	100
1-1/2"	38	49	10	150	40	600	0.85	30	100
2"	51	62	10	150	40	600	0.85	30	100
2-1/2"	64	78.5	10	150	40	600	0.85	30	100
3"	76	95	10	150	40	600	0.85	30	100
3-1/2"	89	108	10	150	40	600	0.85	30	100
4"	102	118	10	150	40	600	0.85	20	65
5"	127	149	10	150	40	600	0.85	20	65
6"	152	180	10	150	40	600	0.85	20	65
8"	203	234	10	150	40	600	0.85	20	65







★ All other technical specifications are customizable per customer requirements

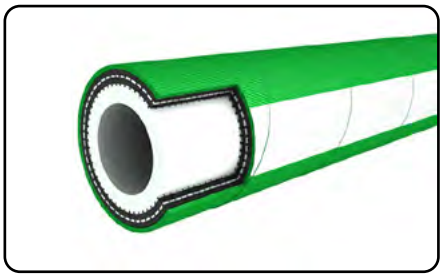
UHMWPE CHEMICAL DISCHARGE HOSE

Construction:
Tube: White, Smooth Ultra High Molecular Weight Polyethylene (UHMWPE), EPDM
Reinforcement: Multi plies high strength synthetic fabric
Cover: EPDM resistant to chemical, weathering and ozone, blue, green wrapped

Application:
Designed for in-plant or tank truck use to transfer chemicals and solvents.

Temperature:
-40°C to 90°C

Characteristics:
- Handle 98% of the chemical/acid
- Heat, weather, abrasion resistant EPDM cover
- Corrugated cover make hose more flexible







ORIENTFLEX

CHEMICAL DISCHARGE HOSE 150PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	10	150	30	450	40/60
1"	25.4	37	10	150	30	450	40/60
1-1/4"	31.8	44	10	150	30	450	40/60
1-1/2"	38.1	52	10	150	30	450	40/60
2"	50.8	64	10	150	30	450	40/60
2-1/2"	63.5	78.6	10	150	30	450	40/60
3"	76.2	90	10	150	30	450	40/60
4"	101.6	117	10	150	30	450	40/60

CHEMICAL DISCHARGE HOSE 250PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	16	250	48	720	40/60
1"	25.4	37	16	250	48	720	40/60
1-1/4"	31.8	44	16	250	48	720	40/60
1-1/2"	38.1	52	16	250	48	720	40/60
2"	50.8	65	16	250	48	720	40/60
2-1/2"	63.5	79	16	250	48	720	40/60
3"	76.2	92	16	250	48	720	40/60
4"	101.6	120	16	250	48	720	40/60

CHEMICAL DISCHARGE HOSE 300PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	20	300	60	900	40/60
1"	25.4	37	20	300	60	900	40/60
1-1/4"	31.8	46.6	20	300	60	900	40/60
1-1/2"	38.1	53.4	20	300	60	900	40/60
2"	50.8	66	20	300	60	900	40/60
2-1/2"	63.5	82	20	300	60	900	40/60
3"	76.2	94	20	300	60	900	40/60
4"	101.6	121	20	300	60	900	40/60

★ All other technical specifications are customizable per customer requirements

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UHMWPE CHEMICAL SUCTION HOSE

Construction:
Tube: White, Smooth ultra high molecular weight polyethylene (UHMWPE), EPDM.
Reinforcement: Multi plies high strength synthetic fabric and helix wire.
Cover: EPDM resistant to chemical, weathering and ozone, blue, green wrapped or corrugated.



Application:
Designed for in-plant or tank truck use , suction and discharge of chemicals and solvents.

Temperature: -40°C to 90°C

Characteristics:
- Handle 98% of the chemical/acid
- Heat, weather, abrasion resistant EPDM cover
- Corrugated cover make hose more flexible
- Heavy duty construction for 250 PSI working pressure





ORIENTFLEX

CHEMICAL SUCTION HOSE 150PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31.6	10	150	30	450	40/60
1"	25.4	37	10	150	30	450	40/60
1-1/4"	31.8	45	10	150	30	450	40/60
1-1/2"	38.1	51	10	150	30	450	40/60
2"	50.8	64	10	150	30	450	40/60
2-1/2"	63.5	79	10	150	30	450	40/60
3"	76.2	91	10	150	30	450	40/60
4"	101.6	119	10	150	30	450	40/60
6"	152	172	10	150	30	450	20/30

CHEMICAL SUCTION HOSE 250PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	16	250	48	720	40/60
1"	25.4	38	16	250	48	720	40/60
1-1/4"	31.8	45	16	250	48	720	40/60
1-1/2"	38.1	52	16	250	48	720	40/60
2"	50.8	65	16	250	48	720	40/60
2-1/2"	63.5	79	16	250	48	720	40/60
3"	76.2	93	16	250	48	720	40/60
4"	101.6	120	16	250	48	720	40/60
6"	152	175	16	250	48	720	20/30

ORIENTFLEX

CHEMICAL SUCTION HOSE 300PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	32	20	300	60	900	40/60
1"	25.4	38	20	300	60	900	40/60
1-1/4"	31.8	47	20	300	60	900	40/60
1-1/2"	38.1	54	20	300	60	900	40/60
2"	50.8	68	20	300	60	900	40/60
2-1/2"	63.5	81	20	300	60	900	40/60
3"	76.2	94	20	300	60	900	40/60
4"	101.6	121	20	300	60	900	40/60
6"	152	176	20	300	60	900	20/30

★ All other technical specifications are customizable per customer requirements

FOOD DISCHARGE HOSE

Construction:

Tube: White, smooth, NR, NBR or EPDM food quality rubber.
Reinforcement: High strength synthetic fabric.
Cover: Smooth (wrapped finish) , synthetic rubber, blue or white, weathering resistance.



Application:

FDA approved food hose designed for the delivery of foods such as milk, Juice, beer, edible oil, daily products etc.

Temperature: -40°C to 50°C

Characteristics:

- FDA grade tube
- Weather and abrasion resistant cover
- Handling wide variety of food products





FOOD DISCHARGE HOSE 150PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	10	150	30	450	40/60
1"	25.4	37	10	150	30	450	40/60
1-1/4"	31.8	44	10	150	30	450	40/60
1-1/2"	38.1	52	10	150	30	450	40/60
2"	50.8	64	10	150	30	450	40/60
2-1/2"	63.5	78.6	10	150	30	450	40/60
3"	76.2	90	10	150	30	450	40/60
4"	101.6	117	10	150	30	450	40/60

FOOD DISCHARGE HOSE 250PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	16	250	48	720	40/60
1"	25.4	37	16	250	48	720	40/60
1-1/4"	31.8	44	16	250	48	720	40/60
1-1/2"	38.1	52	16	250	48	720	40/60
2"	50.8	65	16	250	48	720	40/60
2-1/2"	63.5	79	16	250	48	720	40/60
3"	76.2	92	16	250	48	720	40/60
4"	101.6	120	16	250	48	720	40/60

FOOD DISCHARGE HOSE 300PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	20	300	60	900	40/60
1"	25.4	37	20	300	60	900	40/60
1-1/4"	31.8	46.6	20	300	60	900	40/60
1-1/2"	38.1	53.4	20	300	60	900	40/60
2"	50.8	66	20	300	60	900	40/60
2-1/2"	63.5	82	20	300	60	900	40/60
3"	76.2	94	20	300	60	900	40/60
4"	101.6	121	20	300	60	900	40/60

★ All other technical specifications are customizable per customer requirements

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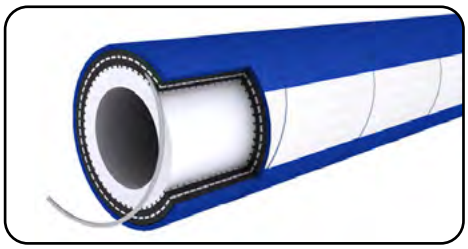
FOOD SUCTION AND DELIVERY HOSE

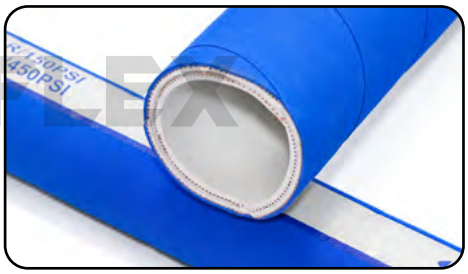
Construction:
Tube: White, smooth, NR, NBR or EPDM food quality rubber
Reinforcement: Multi plies high strength synthetic fabric and helix wire
Cover: smooth (wrapped finish) , synthetic rubber, blue or white, weathering resistance.

Application:
FDA approved food hose designed for the delivery of foods such as milk, juice, beer, edible oil, daily products etc.

Temperature: -40°C to 150°C

Characteristics:
- FDA grade tube
- Weather and abrasion resistant cover
- Handling wide variety of food products
- Both smooth and corrugated cover are available





ORIENTFLEX

FOOD SUCTION AND DELIVERY HOSE 150PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31.6	10	150	30	450	40/60
1"	25.4	37	10	150	30	450	40/60
1-1/4"	31.8	45	10	150	30	450	40/60
1-1/2"	38.1	51	10	150	30	450	40/60
2"	50.8	64	10	150	30	450	40/60
2-1/2"	63.5	79	10	150	30	450	40/60
3"	76.2	91	10	150	30	450	40/60
4"	101.6	119	10	150	30	450	40/60
6"	152	172	10	150	30	450	20/30

FOOD SUCTION AND DELIVERY HOSE 250PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	31	16	250	48	720	40/60
1"	25.4	38	16	250	48	720	40/60
1-1/4"	31.8	45	16	250	48	720	40/60
1-1/2"	38.1	52	16	250	48	720	40/60
2"	50.8	65	16	250	48	720	40/60
2-1/2"	63.5	79	16	250	48	720	40/60
3"	76.2	93	16	250	48	720	40/60
4"	101.6	120	16	250	48	720	40/60
6"	152	175	16	250	48	720	20/30

FOOD SUCTION AND DELIVERY HOSE 300PSI

I.D		O.D	W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	m
3/4"	19.1	32	20	300	60	900	40/60
1"	25.4	38	20	300	60	900	40/60
1-1/4"	31.8	47	20	300	60	900	40/60
1-1/2"	38.1	54	20	300	60	900	40/60
2"	50.8	68	20	300	60	900	40/60
2-1/2"	63.5	81	20	300	60	900	40/60
3"	76.2	94	20	300	60	900	40/60
4"	101.6	121	20	300	60	900	40/60
6"	152	176	20	300	60	900	20/30

★ All other technical specifications are customizable per customer requirements

PVC WINE HOSE

Construction: High quality pvc with rigid pvc helix

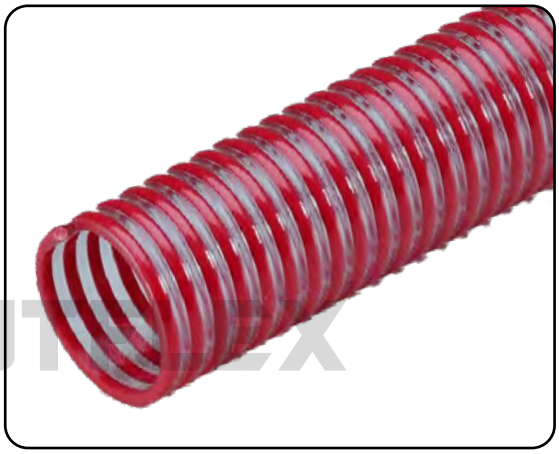
Applications:

- Transfer of wines, musts, vinegars, beers and alcohols (up to 28%).
- Pumping by aspiration and impulsion.

Features:

- Non Toxic and food use (European Directive 2002/72 / EC and its latest revision 2007/19 / EC)
- Resistant to alcohols and chemicals in general
- Manufactured according to UNE-EN-23994/93
- PVC hose with rigid PVC spiral
- Phthalate free according to UNE-EN 1186-9 / 13130-1 and ISO 6401 standards

Temperature: -10°C (-50°F) to 65°C (+150°F)



I.D.		O.D.	THICKNESS	W.P. (20°C)		VACUUM	R	L	SIZE	M^3
inch	mm	mm	mm	bar	psi	mmHg(68˚F)	mm	m	D*H(cm)	m^3/roll
3/4"	20±0.5	26.0±0.5	3.0	10.0	150	750	70	50	55x25	0.076
1"	25±0.5	31.0±0.5	3.0	9.0	135	750	70	50	60x25	0.090
1-1/4"	32±0.5	40.0±0.5	4.0	8.0	120	750	90	50	70x30	0.147
1-1/2"	38±0.5	47.0±0.5	4.5	7.0	105	750	110	50	80x30	0.192
2"	50±1.0	60.0±1.0	5.0	6.0	90	750	150	50	100x25	0.250
2-1/2"	63±1.0	73.0±1.0	5.0	6.0	90	750	180	50	115x35	0.463
3"	75±1.0	87.0±1.0	6.0	5.0	75	750	220	50	135x40	0.729
4"	100±1.5	114.0±1.5	7.0	5.0	75	750	330	50	165x50	1.361
5"	125±1.5	141.0±1.5	8.0	4.0	60	750	500	30	200x28	1.120
6"	150±1.5	168.0±1.5	9.0	3.0	45	750	700	30	230x33	1.746







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FOOD GRADE PU HOSE



Material: Polyether polyurethane
Hardness: 95A-98A
Fluid: air, water
Fluid temperature: -40° Cto 70° C
Characteristic:
Pressure resistance, bending resistance, aging resistance, UV resistance, more hydrolysis resistance than PU, long lifespan, FDA certified.

Model	0402	0425	0503	0604	0805	1065	1208	1612
Fluid	Air,Water							
Max working pressure (at 20°C)	1.0Mpa							
Min Bend Radius	10mm	15mm	20mm	30mm	35mm	15mm	30mm	65mm
Working Temperature	-40° Cto 70° C							
Note: Other specifications can be customized according to requirements, please consult our company								
Support drawing and sample customization, color and size can be customized, please contact us								

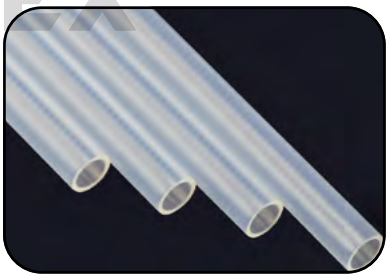
FOOD GRADE NYLON HOSE



Material: Food Grade Polyamide
Hardness: 64D
Fluid: Air, water, oil, general acid and alkali
Fluid temperature: -40°C to 100°C
Characteristic:
- High hardness, high temperature and high pressure resistance, good corrosion resistance, suitable for air and water.
- Chemical lubrication, instrument lines, irrigation control systems, auto parts, fuel delivery pipes.
- Various industries such as electrostatic insulators, in line with food-grade environmental protection requirements

Model	0402	0425	0604	0806	1075	1008	1209	1210
Fluid	Air, water, oil, general acid and alkali							
Max Working Pressure (at 20°C)	3.0Mpa							
Min Bend Radius	15mm	20mm	30mm	40mm	50mm	60mm	60mm	120mm
Working Temperature	−40°C~+100°C							
Note: Other specifications can be customized								
Support drawing and sample customization, color and size can be customized, please contact us								

COMPLY WITH FOOD GRADE PVC HOSE



Material: PVC
Hardness: 60A-100A
Fluid: Water, general non-corrosive liquid
Pressure properties: for no pressure or low pressure, negative pressure.
Fluid temperature: -10°C to 65°C
Characteristic:
- Selected high-quality PVC raw materials meet food-grade requirements. The quality is better and more durable,
- High strength, flexibility and high transparency.

Model	0425	0604	0805	0855	1065	1208	1410	1612
Fluid	Air							
Max Working Pressure(at 20°C)	please consult Orientflex							
Min Bend Radius	10mm	15mm	20mm	20mm	30mm	35mm	55mm	65mm
Working Temperature	−10°C ～ 65°C							

★ All other technical specifications are customizable per customer requirements

FOOD GRADE SILICONE VACUUM HOSE

Construction:
Material: 100% FDA silicone
Various colors and sizes are available
FDA, LFGB certificated

Characteristic:
- 100% Food grade silicone raw material
- No taste, no toxic, eco-friendly
- High temperature resistance,aging,operative

Temperature: -40°C to 220°C



FOOD GRADE SILICONE BRAIDED HOSE

Construction:
Material: 100% FDA silicone
Various colors and sizes are available
FDA, LFGB certificated

Characteristic:
- 100% Food grade silicone raw material
- Pass biocompatibility Cell Toxicity Test, including Cell Toxicity Test, SensitizationTest, Intracutaneous Reactivity Test, Hemolysis Test and Acute Systemic Toxicity Test.
- Temperature: -40°C to 220°C



INCH SIZE	ID mm	THICKNESS mm	LENGTH m	INCH SIZE	ID mm	THICKNESS mm	LENGTH m
1/4"	6	Customized	50, 100, etc	1-1/2"	38	Customized	50, 100, etc
5/16"	8			2"	51		
3/8"	10			2-1/4"	57		
1/2"	13			2-1/2"	63		
5/8"	16			2-3/4"	70		
3/4"	19			3"	76		
1"	25			3-1/2"	89		
1-1/4"	32			4"	102		

FOOD GRADE SILICONE STEEL WIRE HOSE

Construction:
Material: 100% FDA silicone
Structure: food grade importing silicone reinforced by stainless steel spiral or polyester thread layer
Various colors and sizes are available
FDA, LFGB certificated

Characteristic:
- Meet FDA Requirements: the food grade silicone materials, and the food grade 304 stainless steel
- Resistant to high pressure and vacuum : made from the polyester fabric four and the steel wire, it is resistant to high pressure and vacuum
- Uperization and Autoclaving:can meet temperature: -40°C to 220°C, and uperization and autoclaving, can be CIP SIP
- Sanitary Coupling: made from 316L stainless, with the standard size, one time press molding





★ All other technical specifications are customizable per customer requirements

MEDICAL GRADE SILICONE HOSE

MEDICAL GRADE SILICONE VACUUM HOSE



Construction:
MEDICAL GRADE SILICONE
Various colors and sizes are available

Characteristic:
- 100% medical grade silicone raw material
- No taste, non toxic, eco-friendly
- High temperature resistance, aging, operative

Temperature: -40°C to 220°C

MEDICAL GRADE SILICONE BRAIDED HOSE



Construction:
MEDICAL GRADE SILICONE
Various colors and sizes are available

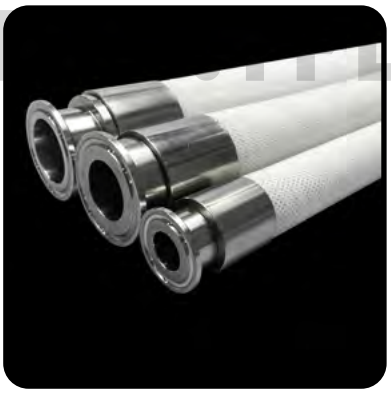
Characteristic:
- 100% medical grade silicone raw material
- No taste, non toxic, eco-friendly
- High temperature resistance, aging, operative

Temperature: -40°C to 220°C

INCH SIZE	ID mm	THICKNESS mm	LENGTH m	INCH SIZE	ID mm	THICKNESS mm	LENGTH m
1/4"	6	Customized	50, 100, etc	1-1/2"	38	Customized	50, 100, etc
5/16"	8			2"	51		
3/8"	10			2-1/4"	57		
1/2"	13			2-1/2"	63		
5/8"	16			2-3/4"	70		
3/4"	19			3"	76		
1"	25			3-1/2"	89		
1-1/4"	32			4"	102		

MEDICAL GRADE SILICONE STEEL WIRE HOSE

Construction:
Structure: Medical grade importing silicone reinforced by stainless steel spiral or polyester thread layer
Various colors and sizes are available
FDA, LFGB certificated





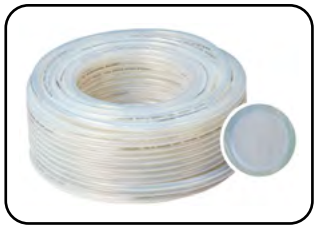
Characteristic:
- Meet Medical Requirements: the medical grade silicone materials, and the medical grade 304 stainless steel
- Resistant to high pressure and vacuum : made from the polyester fabric four and the steel wire, it is resistant high pressure and vacuum
- Uperization and Autoclaving: can meet temperature: -40°C to 220°C, and uperization and autoclaving, can be CIP SIP
- Sanitary Coupling: made from 316L stainless, with the standard size, one time press molding

★ All other technical specifications are customizable per customer requirements

PU/PA SPRAY HOSE

Material: Polyurethane+PA11
Hardness: 90A+60D
Fluid: Water, air, paint, solvents
Fluid temperature: -20°C to 60°C
Application:
Compatible with air in spark environments such as arc welding (electrical welding).

Characteristic:
- Good insulation performance, can effectively prevent high voltage leakage, good corrosion resistance.
- Mainly used for paint delivery, widely used in manual spray guns, automatic spray guns, pressure barrels, robots, etc. to transport paint, etc.

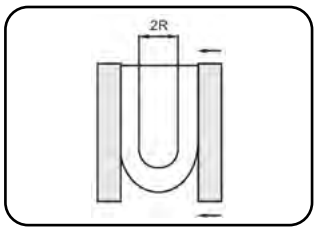


Model	0425	0604	0805	0906	1065	1108	1208	1611
Fluid	Water, air, paint, solvents							
Max working pressure (at 20°C)	1.0Mpa							
Maximum working pressure	See the maximum working pressure curve in the figure below							
Min Bend Radius	15mm,20mm,30mm,35mm,40mm,45mm.50mm,75mm							
Working Temperature	-20°C–+60°C							

Determination method of minimum bending radius

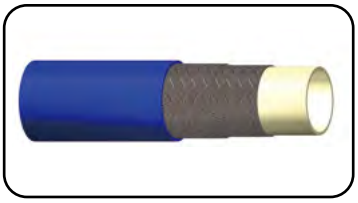
Under the condition of temperature 20°C, let the pipe bend into a U shape, fix one end, and slowly approach the other end, and the 2R measured when the pipe bends and becomes flat, etc.

Note: The minimum bending radius is measured at a temperature of 20°C. This product is mainly used for paint, solvent, please contact our company, if used for other media.



GREASE HOSE

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.



Structure:
Core: Nylon
Reinforcement: 1 or 2 layers braided of fiber
Cover: polyurethane
Temperature: -40°C to 100°C
Color: Black



I.D		O.D		W.P		B.P		LENGTH
inch	mm	mm	bar	psi	bar	psi	mm	m
1/8"	3	6	350	5075	980	14210	30	100
5/32"	4	8	350	5075	980	14210	40	100
5/32"	4	8.6	350	5075	980	14210	45	100
5/32"	4.2	8.6	350	5075	980	14210	50	100
5/32"	4	9	350	5075	980	14210	50	100
3/16"	5	9	350	5075	980	14210	60	100
1/4"	6.3	12	250	3625	700	10150	45	100

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AIRLESS PAINT SPRAY HOSE






Construction:

Tube: internal core in polyamide

Reinforcement: Multi plies high tensile steel wire braid or polyester yarn braid

Cover: polurethane, blue, black, red, grey

Application:

Designed for high pressure airless spray systems, chemical resistance, suitable for paint, solvents and aggressive fluids

Temperature: -40°C to 120°C

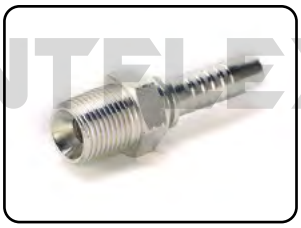
Characteristic:

- High abrasion resistant cover
- High pressrue Max W.P.50Mpa
- Chemical and solvents resistance




I.D.		O.D.		W.P.		B.P.		R	KG
inch	mm	mm	inch	MPa	psi	MPa	psi	mm	Kg/m
1/4"	6.4	12.0	0.47	23	3335	69	10005	33	0.08
1/4"	6.4	13.0	0.51	40	5800	120	17400	51	0.11
1/4"	6.4	12.0	0.47	50	7250	150	21750	80	0.16
1/4"	6.4	13.8	0.54	65	9425	195	28275	80	0.26
5/16"	8.0	13.5	0.53	17	2465	51	7395	46	0.10
5/16"	8.0	14.5	0.57	33	4785	99	14355	60	0.14
5/16"	8.0	13.5	0.53	30	4350	90	13050	90	0.20
5/16"	8.0	15.5	0.61	40	5800	120	17400	90	0.29
3/8"	9.5	16.0	0.63	13	1885	39	5655	51	0.13
3/8"	9.5	17.5	0.69	30	4350	90	13050	64	0.18
3/8"	9.5	16.5	0.65	25	3625	75	10875	100	0.25
3/8"	9.5	18.0	0.71	38	5510	114	16530	100	0.38






Male&Female **Male&Female** **Male&Female** **Male&Female**






★ All other technical specifications are customizable per customer requirements

RUBBER SANDBLAST HOSE 12BAR

Construction:
Tube: Black, smooth, NR synthetic rubber
Reinforcement: Multi ply high strength synthetic fabric
Cover: Black, smooth (wrapped) , abrasion resistant NR synthetic rubber

Application:
Softwall abrasion resistant hose designed for the delivery of steel shots, sand, bead blasting application

Temperature: -20°C to 80°C

Characteristic:
- Weather resistant cover
- Excellent abrasion resistance
- Abrasion loss value: Acc DIN 53516 ≦ 60mm^3



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I.D.		O.D.	W.P.		B.P.		L	
mm	inch	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	25	12	180	36	540	60	200
5/8"	15.9	30	12	180	36	540	60	200
3/4"	19.1	34	12	180	36	540	60	200
1"	25	39	12	180	36	540	60	200
1"	25	47	12	180	36	540	60	200
1-1/4"	32	48	12	180	36	540	60	200
1-1/2"	38	54	12	180	36	540	60	200
2"	51	69	12	180	36	540	60	200
2-1/2"	64	84	12	180	36	540	60	200
3"	76	96	12	180	36	540	60	200
4"	102	124	12	180	36	540	60	200
5"	127	149	12	180	36	540	30	100
6"	152	177	12	180	36	540	30	100

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TEXTILE REINFORCED AIR HOSE







Construction:

Tube: NR & SBR synthetic rubber, black color.

Reinforcement: 1ply or 2ply high tensile polyester thread braiding

Cover: NR & SBR synthetic rubber, smooth or wrapped surface, black, yellow, red available

Application:

Mainly used for conveying of air, inert gas and water in mining, construction, engineering, shipbuilding, steel production etc.

Temperature: -20°C to 80°C

Characteristics:

- Oil mist resistant tube
- Anti-aging synthetic rubber
- Weather and ozone resistance
- Excellent abrasion resistance

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11	20	300	60	900	100	330
1/4"	6.4	12.5	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	20.5	20	300	60	900	100	330
3/4"	19.1	26	20	300	60	900	100	330
7/8"	22	29	20	300	60	900	100	330
1"	25.4	35	20	300	60	900	100	330
1-1/4"	32	44	20	300	60	900	60	200
1-1/2"	38	51	20	300	60	900	60	200
2"	50.8	64	20	300	60	900	60	200

PVC AIR HOSE

Construction:

Tube: PVC material

Reinforcement: 1ply or 2ply high tensile polyester braiding

Cover: PVC, black, red, yellow, blue.

Application:

The PVC air hose is widely used in pneumatic tools, air compressors, rock drill, automated air line, air supply, cleaning equipment, construction equipment and so on.

Characteristic:

- High tensile polyester reinforced
- Work under high pressure 300psi
- Strong peeling adhesion between fibre and pvc
- light, flexible, non-kinking, non-twisting
- UV and ozone resistance, weather resistance
- Can be used for jackhammer hose

Temperature:

-10°C to 65°C





I.D.		O.D.	W.P.		B.P.		L	KG
inch	mm	mm	psi	bar	psi	bar	m/roll	kg/roll
1/4"	6.5	12	300	20	900	60	100	10.80
5/16"	8	14	300	20	900	60	100	14.00
3/8"	10	16	300	20	900	60	100	16.50
1/2"	13	20	300	20	900	60	100	24.50
5/8"	16	24	300	20	900	60	50	16.95
3/4"	19	28	300	20	900	60	50	22.40
1"	25	35	300	20	900	60	50	31.80

★ All other technical specifications are customizable per customer requirements

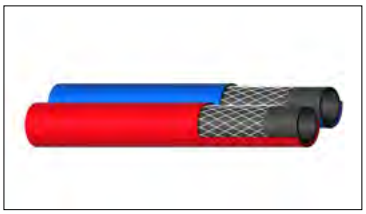
RUBBER TWIN WELDING HOSE 300 PSI

Construction:
Tube : Black, smooth, synthetic rubber
Reinforcement: High strength synthetic yarn braiding
Cover: Blue/green/red, smooth, synthetic rubber

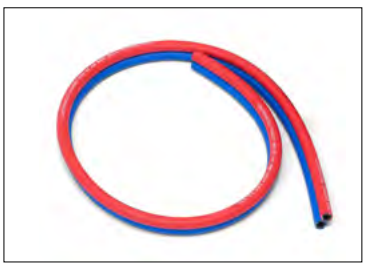
Application:
Designed for welding, cutting and allied processes. Specific welding hose cartering for oxygen, carbon dioxide, nitrogen, argon and fuel gases including acetylene, natural gas, methane and propane available upon request.

Temperature: -20°C to 80°C

Characteristics:
- Anti abrasion smooth cover
- Weather and ozone resistant cover
- Flexible, light weight, less distortion







I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8+4.8	12+12	20	300	60	900	100	330
1/4"	6.4+6.4	13+13	20	300	60	900	100	330
5/16"	7.9+7.9	15+15	20	300	60	900	100	330
3/8"	9.5+9.5	17+17	20	300	60	900	100	330
5/16"+3/8"	7.9+9.5	15+17	20	300	60	900	100	330

RUBBER OXYGEN ACETYLENE HOSE 300 PSI

Construction:
Tube: Black, smooth, synthetic rubber
Reinforcement: High strength synthetic plies
Cover: Blue/green/red, smooth, synthetic rubber

Application:
Designed for welding, cutting and allied processes. Specific welding hose catering for oxygen, carbon dioxide, nitrogen, argon and fuel gases including acetylene, natural gas, methane and propane available upon request.

Temperature: -20°C to 80°C

Characteristics:
- Anti abrasion smooth cover
- Weather and ozone resistant cover
- Flexible, light weight, less distortion





Oxygen Hose 300PSI/Acetylene Hose 300PSI

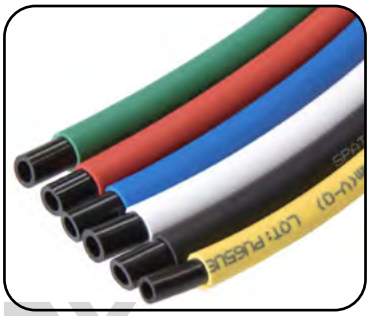
I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11	20	300	60	900	100	330
1/4"	6.4	12.5	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	20.5	20	300	60	900	100	330
5/8"	15.9	26	20	300	60	900	100	330
3/4"	19.1	29	20	300	60	900	100	330
7/8"	22	32	20	300	60	900	50	200
1"	25.4	36	20	300	60	900	100	330

★ All other technical specifications are customizable per customer requirements

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ANTI-SPLASH PU DOUBLE LAYER FLAME RETARDANT HOSE

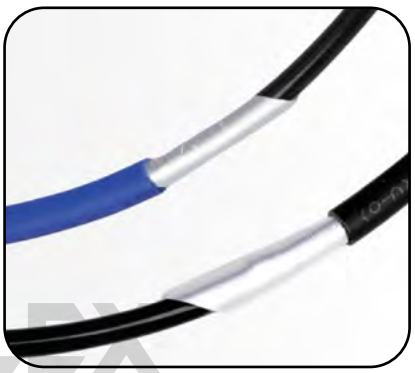
Material: polyurethane (inner layer) + flame retardant synthetic material (outer layer)
Hardness: 95A-98A
Fluid: Air,water
Fluid temperature: -40°C to 70°C
Application: Used in workplaces with sparks during welding
Characteristic:
- Flame-retardant double-layer polycarbonate used in welding and other sparking workplaces and industrial and mining environments
- The material uses flame-retardant polyurethane, flame-retardant grade V0 (UL94).



Model	0425	0604	0805	1065	1208	1410	1612	1612
Fluid	Air							
Max working pressure (at 20°C)	1.0Mpa							
Min Bend Radius	10mm	15mm	20mm	30mm	45mm	50mm	60mm	65mm
Working Temperature	-40° C~+70° C							

ANTI-SPLASH PU THREE LAYER FLAME RETARDANT HOSE

Material: Polyurethane (inner layer) + aluminum layer (middle) + flame retardant synthetic material (outer layer)
Hardness: 95A-98A
Fluid: Air
Fluid temperature: -20°C to 70°C
Application: Compatible with air in spark environments such as arc welding (electrical welding).
Characteristic:
- Aluminum layer is set between the outer layer and the inner layer tube, thereby improving the spark resistance life.
- Flame-retardant three-layer polyurethane tubes used in sparking workplaces such as welding and industrial and mining environments.
- The material uses flame-retardant polyurethane, flame-retardant grade V0 (UL94).



Model	0425	0604	0805	1065	1208
Fluid	Air				
Max working pressure(at 20°C)	1.0Mpa				
Min Bend Radius	10mm	15mm	20mm	30mm	45mm
Working Temperature	-20° C~+70° C				

★ All other technical specifications are customizable per customer requirements

RUBBER LPG PROPAN GAS HOSE 300 PSI

Construction:
Tube: Black, smooth, nitrile synthetic rubber
Reinforcement: High strength synthetic yarn braiding
Cover: orange/red/black, smooth, synthetic rubber NBR or chloroprene CR

Application:
For commercial and family gas cooker oven, the connection of gas system of industrial device. Transport media: LPG, CNG, CH4 etc

Characteristics:
- Anti abrasion smooth cover
- Weather and ozone resistant cover
- Flexible, light weight, less distortion
- Certification: ISO3821, EN559

Temperature: -20°C to 80°C



I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12	20	300	60	900	100	330
1/4"	6.4	13	20	300	60	900	100	330
5/16"	7.9	15	20	300	60	900	100	330
3/8"	9.5	17	20	300	60	900	100	330
1/2"	12.7	21	20	300	60	900	100	330

PVC GAS HOSE

Construction:
Tube: smooth PVC
Reinforcement: high tensile polyester or cotton braiding
Cover: smooth or ribbed PVC cover, orange, etc
Specification: Inner diameter 5/16", 3/8" or custom made

Application:
suitable for the connection between domestic gas, liquefied petroleum gas, natural gas etc. at a low pressure.





PVC GAS HOSE

Construction:
Tube: smooth PVC, black+white color
Cover: smooth or ribbed PVC cover, orange, black etc.
Specification: Inner diameter 3/8" 9-9.5mm or custom made, thickness 2-4mm

Application:
suitable for the connection between domestic gas, liquefied petroleum gas, natural gas etc. at a low pressure.





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ANTI EXPLOSION STEEL WIRE BRAIDED GAS HOSE

Construction:

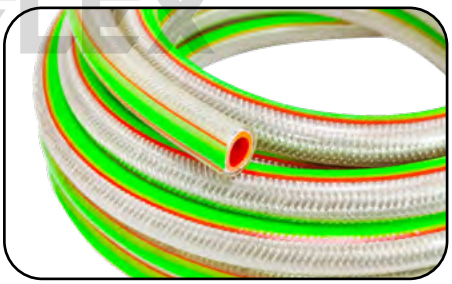
Tube: smooth PVC

Reinforcement: 1 or 2 layers of braided steel wire, or high tensile polyester fiber

Cover: smooth PVC, anti-corrosion and high pressure resistance

Specification: Inner diameter 3/8" 9.5mm or custom made





Application:

Domestic liquefied gas stove, pipeline gas, artificial gas, medium and high pressure furnace, high speed furnace. Also can be used for washer and car washing machine in high pressure.

Characteristics:

- Safe and durable, reinforced by steel wire, explosion- proof.
- High pressure resistance.
- Low temperature and high temperature resistance, good weather ability.
- Rodent resistance.

NYLON STEEL WIRE BRAIDED GAS HOSE

Construction:

Inner Tube: Rubber hose

Reinforcement: braided steel wire

Cover: Colored nylon yarn

Specification: 5/16" 8.5mm or custom made

Connection option: 1/2"Male x 3/8" Male (NPT)

Working Pressure: 17.5bar (1750kpa)





Application: It is widely used for natural gas and propane.

Certificate and standard: ISO9001:2015, conform to NTC3561 standard

HIGH PRESSURE SS304 CORRUGATED GAS HOSE

Construction:

Tube: High quality rubber flame retardancy inner tube

Cover: AISI 304 wires braided

Specification: 5/16", 3/8", 1/4~3/4" available

Application: It is widely used for natural gas and propane.

Characteristics: Resistant to rat bite, resistant to high pressure, no rust





★ All other technical specifications are customizable per customer requirements

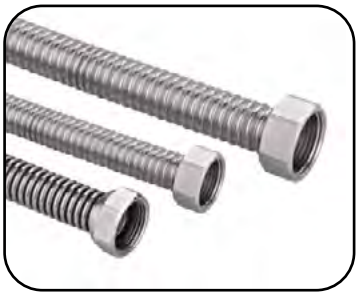
HIGH PRESSURE SS304 CORRUGATED GAS HOSE

Construction: 304 stainless steel corrugated tube

Specification: Inner 1/2", 3/4" or custom made

Connection: Male and Female NPT/BSP fitting

Application: Natural gas applications, kitchen applications, cookers and grills





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HIGH PRESSURE SS304 CORRUGATED GAS HOSE

Construction:

Tube: 304 stainless steel corrugated tube

Cover: flame retardant PVC layer, corrugated surface

Specification: Inner 1/2", 3/4" or custom made

Connection: Male and Female NPT/BSP fitting

Application: Natural gas applications, kitchen applications, cookers and grills





HIGH PRESSURE SS304 CORRUGATED GAS HOSE

Construction:

Tube: 304 stainless steel corrugated tube

Cover: flame retardant PVC layer, smooth surface

Specification: Inner 1/2", 3/4" or custom made

Connection: Male and Female NPT/BSP fitting

Application:

Natural gas applications, kitchen applications, cookers and grills



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★ All other technical specifications are customizable per customer requirements

BULK MATERIAL DISCHARGE HOSE







Construction:
Tube: Black, smooth, synthetic rubber
Reinforcement:High strength synthetic cord
Cover: Black, smooth(wrapped finish), synthetic rubber, weathering and ozone resistance

Application:
Specially designed softwall hose for delivery of dry cement, sand, gravel, etc. Equipped with excellent rebound, durability and abrasion resistant properties

Working Temperature:
-20°C to 80°C

Characteristic:
- High abrasion resistant tube
- Weather and ozone resistance
- Light weight and flexible

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19	30	10	150	30	450	60	200
1"	25	36	10	150	30	450	60	200
1-1/4"	32	44	10	150	30	450	60	200
1-1/2"	38	52	10	150	30	450	60	200
2"	51	64	10	150	30	450	60	200
2-1/2"	64	80	10	150	30	450	60	200
3"	76	94	10	150	30	450	60	200
3-1/2"	89	107	10	150	30	450	60	200
4"	102	120	10	150	30	450	60	200
5"	127	146	10	150	30	450	60	200
6"	152	173	10	150	30	450	30	100
8"	203	228	10	150	30	450	30	100
3/4"	19	31	20	300	60	900	60	200
1"	25	37	20	300	60	900	60	200
1-1/4"	32	46	20	300	60	900	60	200
1-1/2"	38	54	20	300	60	900	60	200
2"	51	67	20	300	60	900	60	200
2-1/2"	64	80	20	300	60	900	60	200
3"	76	97	20	300	60	900	60	200
3-1/2"	89	110	20	300	60	900	60	200
4"	102	123	20	300	60	900	60	200
5"	127	149	20	300	60	900	60	200
6"	152	176	20	300	60	900	30	100
8"	203	230	20	300	60	900	30	100

★ All other technical specifications are customizable per customer requirements

BULK MATERIAL SUCTION HOSE

Construction:
Tube: Pure gum compound
Reinforcement: Multi ply synthetic fabric with steel wire helix
Cover: Black synthetic rubber, fabric impression, corrugated or smooth.

Application:
For suction, discharge or gravity flow of abrasives , dry cement, sand, gravel etc
from manufacturing, sandblast recovery, mineral processing, power plants.

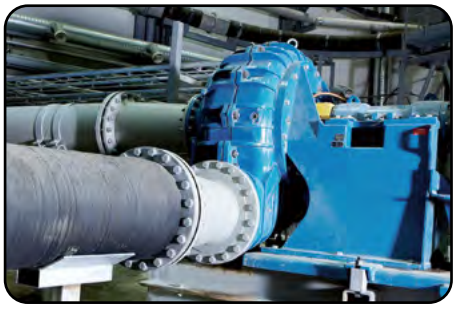
Temperature: -20°C to 80°C

Characteristic:
- High abrasion resistant.
- Weather and ozone resistance.
- Both smooth cover or corrugated cover available
- Corrugated cover make the hose more flexible



I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19	33	10	150	30	450	60	200
1"	25	39	10	150	30	450	60	200
1-1/4"	32	46	10	150	30	450	60	200
1-1/2"	38	54	10	150	30	450	60	200
2"	51	67	10	150	30	450	60	200
2-1/2"	64	81	10	150	30	450	60	200
3"	76	96	10	150	30	450	60	200
3-1/2"	89	111	10	150	30	450	60	200
4"	102	124	10	150	30	450	60	200
5"	127	151	10	150	30	450	60	200
6"	152	179	10	150	30	450	30	100
8"	203	233	10	150	30	450	30	100
3/4"	19	33	20	300	60	900	60	200
1"	25	39	20	300	60	900	60	200
1-1/4"	32	48	20	300	60	900	60	200
1-1/2"	38	57	20	300	60	900	60	200
2"	51	70	20	300	60	900	60	200
2-1/2"	64	84	20	300	60	900	60	200
3"	76	99	20	300	60	900	60	200
3-1/2"	89	113	20	300	60	900	60	200
4"	102	126	20	300	60	900	60	200
5"	127	155	20	300	60	900	60	200
6"	152	182	20	300	60	900	30	100
8"	203	238	20	300	60	900	30	100







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BULK MATERIAL SUCTION HOSE 150PSI

Construction:
Tube: Pure gum compound
Reinforcement: Multi ply synthetic fabric with steel wire helix
Cover:Black synthetic rubber, fabric impression, corrugated or smooth.

Application:
For suction, discharge or gravity flow of abrasives, dry cement, sand, gravel etc from manufacturing, sandblast recovery, mineral processing, power plants.

Temperature: -20°C to 80°C

Characteristic:
- High abrasion resistance.
- Weather and ozone resistance.
- Both smooth cover or corrugated cover available
- Corrugated cover make the hose more flexible



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I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/4"	32	48	10	150	30	450	60	200
1-1/2"	38	57	10	150	30	450	60	200
2"	51	70	10	150	30	450	60	200
2-1/2"	64	84	10	150	30	450	60	200
3"	76	99	10	150	30	450	60	200
3-1/2"	89	113	10	150	30	450	60	200
4"	102	126	10	150	30	450	60	200

RED GUM HEAVY DUTY VACUUM HOSE

Construction:
Tube: 1/4" thick red gum rubber tube for abrasion resistance.
Cover: Corrugated black conductive SBR/NR blend cover for abrasion and ozone fresistance.
Reinforcement: High tensile textile fabric with embedded steel helical wire.

Applications:
Material handling suction/discharge.
Industrial vacuum equipment applications.
Great hose for dry or wet abrasive materials.
Drill cutting suction hose in mobile drilling rigs.

Temperature: -20°C to 80°C





I.D		O.D	W.P		B.P		LENGTH	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127	262	5	75	15	225	11.8	40
6"	152	289	5	75	15	225	11.8	40
8"	203	232	5	75	15	225	11.8	40
10"	254	285	5	75	15	225	11.8	40
12"	304	336	5	75	15	225	11.8	40

★ All other technical specifications are customizable per customer requirements

SAND SUCTION HOSE

Material: imported natural rubber
Connection method: clamp or flange connection
Temperature: -20°C to 80°C
Product performance: wear resistance, suction resistance, durable
Application: used in shipbuilding, oil storage tanks, bridges, water conservancy projects and other industries to pump abrasive materials such as quartz sand, coal dust, iron sand, etc.



I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
4"	102	126	10	150	30	450	10	31
5"	127	151	10	150	30	450	10	31
6"	152	176	10	150	30	450	10	31
8"	203	231	10	150	30	450	10	31
10"	254	294	10	150	30	450	10	31
12"	304	344	10	150	30	450	10	31

MINERAL SAMPLING HOSE 35BAR (525PSI)

Tube: black conductive NR- abrasion resistance.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: black conductive SBR/NR- abrasion and ozone resistance.
Application:
mineral recovery in sampling operations.
Temperature:
-20°C to 80°C





I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	51	79	35	525	105	1575	60	200
3"	76	105	35	525	105	1575	60	200
4"	102	136	35	525	105	1575	60	200
5"	127	169	35	525	105	1575	60	200
6"	152	201	35	525	105	1575	30	100
8"	203	253	35	525	105	1575	30	100

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LAYFLAT CEMENT DISCHARGE HOSE 60PSI

Construction:

Tube: Black,smooth,NR/SBR rubber compound

Reinforcement: 2 ply high tensile synthetic fabric

Cover: Black, smooth, cloth impression NR/SBR rubber compound, abrasion and weather resistance

Application: Layflat delivery hose for concrete sand, gravel and general abrasive dry materials

Characteristic:

- High abrasion resistant tube
- Abrasion loss value: DIN53516 70±5mm3
- Weather and ozone resistant cover
- Layflat and light weight

Temperature: -20°C to 80°C



I.D		O.D	W.P		B.P		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	51	61	5	75	15	225	20	65
3"	76	87	5	75	15	225	20	65
4"	102	113	5	75	15	225	20	65
5"	127	140	5	75	15	225	20	65
6"	152	164	5	75	15	225	20	65
8"	203	216	5	75	15	225	20	65
10"	254	267	5	75	15	225	20	65
12"	304	318	5	75	15	225	20	65

NR RUBBER TUBING FOR ABRASIVE MATERIALS-NO PRESSURE

Construction:

Tube:Brown, smooth, NR rubber compound,SHORE A 45

Cover:Black, smooth fabric impression, NR rubber compound, SHORE A 45

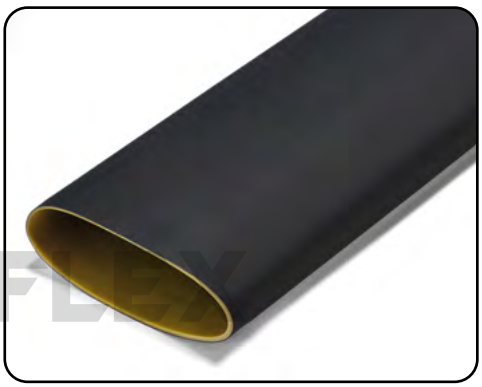
Application:

No pressure discharge hose, for silos and hopper, for abrasive material as sand, gravel, cement etc.

Characteristic:

- High abrasion resistant tube
- Weather and ozone resistance
- Layflat and light weight

Temperature: -20°C to 80°C



I.D	O.D	L		I.D	O.D	L
mm	mm	m		mm	mm	m
152	160	12		350	359	12
203	212	12		400	409	12
219	227	12		500	509	12
254	264	12		500	519	12
273	281	12		550	559	12
300	283	12		600	609	12
350	310	12		650	660	12

★ All other technical specifications are customizable per customer requirements

GOLD MINING RUBBER SUCTION HOSE

Construction:
Inner rubber layer: synthetic rubber
Reinforcing layer: 2 PLY/4 PLY high tensile synthetic fabric with helix steel wire
Outer rubber layer: wear resistant and weather-resistant synthetic rubber with corrugated surface.

Application:
old mining rubber suction hose is a special suction hose which is designed for gold mining project. Especially for West Africa market. And it is also called heavy duty Rubber mining hose and gold finder mining hose.

Temperature: -30°C to +70°C



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I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
4"	102	120	5	75	15	225	10	32
6"	152	172	5	75	15	225	10	32

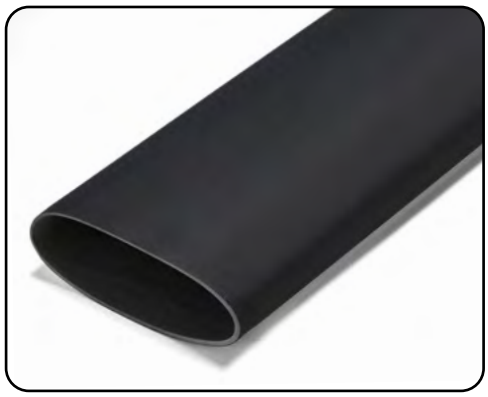
FISH PUMP RUBBER HOSE 60PSI

Construction:
Tube: Black,smooth,NR/SBR rubber compound
Reinforcement: 2 ply high tensile synthetic fabric
Cover: Black,smooth,cloth impression NR/SBR rubber compound, abrasion and weather resistant

Application:
Rubber hose for the transport of fish, designed specially for vacuum pumps. The same hose can be used on both sides of the pump, both on the pressure and vacuum sides. The hose can be delivered with very flexible coupling solutions, either BLOC-END® (ID 254-355), vulcanized swivel flanges or cuffs.

Characteristic:
- Extremely flexible and robust, especially in the cold
- Vacuum of 90%
- Weather and ozone resistant cover
- Fish fat resistant
- Can be made with cuffed ends and in other lengths, please contact us

Temperature: -30°C to +70°C



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I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
4"	102	112	5	75	15	225	20	65
5"	127	137	5	75	15	225	20	65
6"	152	162	5	75	15	225	20	65
8"	203	213	5	75	15	225	20	65
10"	254	270	5	75	15	225	20	65
12"	304	322	5	75	15	225	20	65
14"	350	366	5	75	15	225	20	65
16"	400	416	5	75	15	225	20	65
18"	450	466	5	75	15	225	20	65
20"	500	516	5	75	15	225	20	65
24"	600	616	5	75	15	225	20	65

★ All other technical specifications are customizable per customer requirements

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MINING SLURRY HOSE 150 PSI

Construction:
Tube: Black NR/SBR rubber compound.
Reinforcement: Multi ply synthetic fabric with wire helix.
Cover:Black NR/SBR corrugated abrasion and weather resistant.

Application:
Slurry hoses are designed primarily for handling abrasive and viscous slurries from mine and quarries. They can also be used for handling dry materials such as sand, gravel and grains. The external bolt on the flanges allow for easy installation and uninterrupted free flow.

Characteristic:
- Rugged Versatile alternative to inflexible steel piping system
- Absorb system vibration and saves wear on equipment.
- Can be cut to length and assembled on-site for immediate installation
- Split flange coupling



Temperature: -20°C to +82°C

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
2	51	79	10	150	30	450	60	200
3	76	118	10	150	30	450	60	200
4	102	137	10	150	30	450	60	200
5	127	167	10	150	30	450	60	200
6	152	196	10	150	30	450	30	100
8	203	255	10	150	30	450	30	100
10	254	302	10	150	30	450	11.8	40
12	305	349	10	150	30	450	11.8	40
14	355	416	10	150	30	450	11.8	40

VIBRATING PUMP HOSE

Characteristic:
- Black hose with special synthetic rubber,excellent oil resistance, heat resistance and aging resistance
- Superior anti-high pressure and impulse performance.
- Tightly combined, soft and has small deformation under pressure
- Excellent bending resistance and fatigue limit

Advantages :
- 600N 800N 1000N 1200N 1600N available also OEM available
- Cover of the tube has high tensile strength, low elongation and high wear resistance

Product material: steel belt, steel wire, inner and outer rubber hose



Model	The Vibration Frequency (HZ)	The amplitude (mm)	Soft shatf diameter (mm)	The hose diameter (mm)	Length (M)
25#	200	0.9	8	25	Accept custom
28#	200	0.9	8	25	
35#	200	0.9	10	30	
38#	200	0.9	10	30	
45#	200	0.9	10	30	
50#	200	1.15	13	36	
60#	200	1.15	13	36	
70#	200	1.15	13	36	

★ All other technical specifications are customizable per customer requirements

SUCTION HOSE FOR STREET SWEEPERS

Construction:

Tube:Black,SBR/NR rubber compound
Reinforcement: High strength synthetic plies with steel wire spirals
Cover:Black,corrugated,cloth impression SBR/NR rubber compound, abrasion and weather resistance

Application:

Suction hose for highly abrasion granulates and powders. Futher to the exceptional flexibility, it is also very compressible and ideal for unaligned manifolds. Used mostly on street sweepers and industrial cleaning machines

Temperature: -20°C to 80°C







I.D		O.D	KG	LENGTH	
inch	mm	mm	kg	m	ft
5"	127	139	5.8	6	20
6"	152	164	6.2	6	20
8"	203	215	8.2	6	20
10"	254	266	10.4	6	20
12"	304	316	12.2	6	20

PERISTALTIC PUMP HOSE

Construction:

Tube: Black,smooth,rubber compound
Reinforcement: Multi ply heavy duty synthetic cord
Cover:Black,wrapped,synthetic rubber

Application:

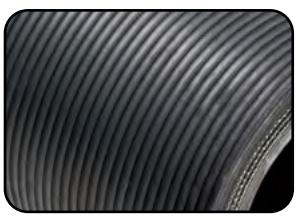
The peristaltic pump hoses are specifically engineered for application on peristaltic pumps,it is designed and manufactured for long operational life and minimized cost.

Characteristic:

- Extremely durable,high abrasion ozone & weather resistance.
- The lowest possible friction between the hose and roller

Temperature: -20°C to 80°C





I.D.	O.D.	O.D.	Reinforcment	W.P.	LENGTH
mm	mm	mm	Ply	bar	mm
10	32	31/32	2	8	570
15	37	36/37	2	8	830
20	37	36/37	2	8	830
25	54	53/54	4	16	1,090
32	63	61/62	4	16	1,300
38	63	62/63	4	16	1,300
40	67	66/67	4	16	1,500
45	81	80/81	4	16	1,850
50	81	80/81	4	16	1,850
60	87	86/87	4	16	1,850
65	100	99/100	4	16	2,335
80	124	120/121	6	16	2,910
100	145	144/145	6	16	3,410
125	168	167/168	6	16	4,000

★ All other technical specifications are customizable per customer requirements

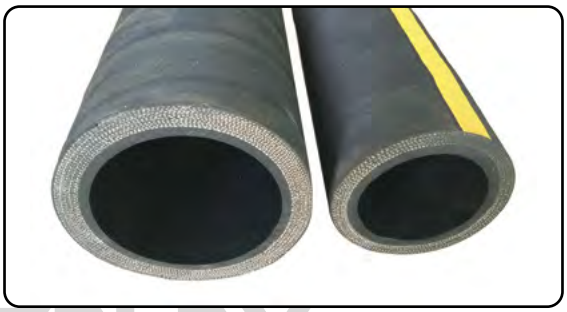
PLASTER & GROUT HOSE 40BAR/600PSI

Construction:
Tube: NR/SBR synthetic rubber.
Reinforcement: four or six plies of synthetic textile with a static wire.
Cover:NR/SBR synthetic rubber,black,cloth impression.

Application:
Used for spraying plaster, grout, sand and gypsum.

Characteristic:
- Ozone and weather resistant cover
- Excellent abrasion resistance.
- Variety of applications.

Temperature: -40°C to +70°C (-40°F to +158°F)



I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1"	25	41	40	600	120	1800	60	200
1-1/4"	32	48	40	600	120	1800	60	200
1-1/2"	38	55	40	600	120	1800	60	200
2"	51	72	40	600	120	1800	60	200
2-1/2"	64	86	40	600	120	1800	60	200
2-1/2"	65	85	40	600	120	1800	60	200
3"	76	98	40	600	120	1800	60	200
4"	102	128	40	600	120	1800	60	200
5"	127	151	40	600	120	1800	60	200
6"	152	182	40	600	120	1800	30	100

CONCRETE PLACEMENT HOSE 85BAR/1230PSI

Construction:
Tube: Black,smooth,Abrasion resistant NR/SBR compound
Reinforcement: High strength synthetic cord
Cover:Black, wrapped surface,NR/SBR compound abrasion cover,resistant to abrasion, cutting, gouging and weather.

Characteristic:
High abrasion resistant tube
Abrasion loss value:DIN53516 70±5mm3
Weather and ozone resistant cover
Designed for high kink resistance and perfect flow

Application:
High pressure concrete placement application.



Temperature:
-20°C to 80°C

I.D.		O.D.	W.P.		B.P.		L	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/2"	38	61	85	1275	170	2550	60	200
2"	51	78	85	1275	170	2550	60	200
2-1/2"	64	91	85	1275	170	2550	60	200
3"	76	107	85	1275	170	2550	60	200
4"	102	133	85	1275	170	2550	60	200
5"	127	163	85	1275	170	2550	60	200
6"	152	193	85	1275	170	2550	30	100

★ All other technical specifications are customizable per customer requirements

ABRASION-RESISTANT INDUSTRIAL HOSE

Steel wire braided spray hose



Application: support operations such as various tunnels, wells, slope protection, shotcrete anchors, etc.

Working temperature: -20°C to 80°C

Burst pressure: ≥10MPa/1450psi

Executive standard: HG/T2192-2008

Inner rubber layer: Use natural rubber with both wear resistance and resilience as the main raw material, and effectively reduce the wear caused by material impact

Reinforcement layer: single-layer copper-plated steel wire braiding process, the burst pressure can reach 10MPa, and the construction is safer

Cover layer: using chlorinated polyethylene material, which has excellent aging resistance, and is still soft and not cracked under strong ultraviolet radiation

Specifications

ID	OD	max WP	min BP	WEIGHT	LENGTH
51 ± 1mm	71 ± 1mm	2.5Mpa	10.0Mpa	2.7±0.2 kg/m	14-70 m
57 ± 1mm	76 ± 1mm	2.5Mpa	10.0Mpa	2.7±0.2 kg/m	14-70 m

STEEL AND CORD WINDING WET SPRAY MANIPULATOR HOSE

Application: support work using concrete wet spraying trolley construction

Working temperature: -20°C to 80°C

Burst pressure: ≥25MPa/3625psi

According to the working characteristics of the manipulator, high-precision radial crimping process is adopted

Inner rubber layer: wear-resistant and tear-resistant NR&SBR rubber is used as the main raw material to effectively reduce the wear caused by high-speed materials

Reinforcement layer: 2 or 4 layers of steel cord winding technology, burst pressure up to 25MPa, good pressure resistance, safer construction

Cover layer: using chlorinated polyethylene material, which has excellent aging resistance . It is still supple without cracking in outdoor construction

Specifications

ID	OD	max WP	min BP	WEIGHT	LENGTH
80 ± 1mm	104 ± 1mm	8.5Mpa	25.0Mpa	6±0.2 kg/m	3-15 m
89 ± 1mm	114± 1mm	8.5Mpa	25.0Mpa	6.8±0.2 kg/m	3-15 m

PAY ATTENTION TO THE CONSTRUCTION SAFETY DISTANCE UNDER HIGH PRESSURE CONDITIONS



Before use, the personnel must wear labor protection equipment

Before construction, please check whether the hose fittings are fixed and the interface connection is firm

Please ensure that the operator has received the necessary safety training and is familiar with the operation method

After the construction is finished, please clean up the remaining material inside the hose in time to prevent clogging and corrosion

★ All other technical specifications are customizable per customer requirements

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CONCRETE PLACEMENT HOSE 85BAR/1230PSI







Construction:
Tube: Black,smooth,Abrasion resistant NR/SBR compound
Reinforcement: 2”-3” : two steel wire braiding, 3 1/2”-6” four layers steel cords
Cover: Black, wrapped surface, NR/SBR compound abrasion cover, resistant to abrasion, cutting, gouging and weather.

Application:
High pressure concrete placement application.

Characteristic:
High abrasion resistant tube
Abrasion loss value: DIN53516 70±5mm3
Weather and ozone resistant cover
Designed for high kink resistance and perfect flow

Temperature: -20°C to 80°C

I.D.		O.D.		W.P.		B.P.		R	L
inch	mm	mm	MPa	psi	MPa	psi	mm	m	ft
2"	51	68.4	8.5	1230	21	3045	275	40	131
2-1/2"	64	83.2	8.5	1230	21	3045	300	40	131
3"	76	96.4	8.5	1230	21	3045	350	40	131
4"	102	127	8.5	1230	21	3045	400	40	131
5"	127	155	8.5	1230	21	3045	650	20	65
6"	152	180	8.5	1230	21	3045	700	10	30

HD coupling



2" 2.5" 3" 4" 5" 5.5"

SK coupling



2" 2.5" 3" 4" 5" 5.5"

coupling quick clamp



2" 2.5" 3" 4" 5" 5.5"

Concrete Clean Out Sponge Balls



Elbow



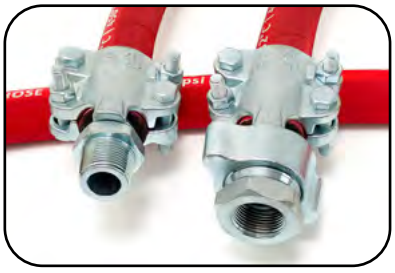
Straight



★ All other technical specifications are customizable per customer requirements

EPDM STEAM HOSE 230° C







Construction:

Tube: Synthetic rubber EPDM

Reinforcement: high tensile wire braiding

Cover: Red or blue, pin pricked smooth (wrapped finish) , EPDM rubber

Application:

The steam hose is used for the saturated steam in chemical industry, petroleum industry, shipbuilding industry

Characteristic:

- Excellent resistance to high temperature
- Weathering and ozone resistance
- High abrasion resistant cover
- Anti aging,long service life

Temperature:

-40°C to 210°C/232°C, -40°C to 150°C

I.D.		O.D.	W.P.		B.P.		R	KG	L
mm	inch	mm	bar	psi	bar	psi	mm	kg/m	m
3/8''	10	19	10	150	100	1500	130	0.34	40
1/2''	12	22	10	150	100	1500	180	0.41	40
5/8''	16	25	10	150	100	1500	205	0.51	40
3/4''	19	29	10	150	100	1500	240	0.6	40
1''	25	35	10	150	100	1500	280	0.85	40
1 1/4''	32	42	10	150	100	1500	420	1.22	40
1 1/2''	38	49	10	150	100	1500	500	1.41	40
2''	51	62	10	150	100	1500	630	1.88	40
2 1/2''	64	76	10	150	100	1500	700	2.01	40

I.D.		O.D.	W.P.		B.P.		R	KG	L
mm	inch	mm	bar	psi	bar	psi	mm	kg/m	m
3/8''	10	19	10	150	100	1500	130	0.34	40
1/2''	12	22	10	150	100	1500	180	0.41	40
5/8''	16	25	10	150	100	1500	205	0.51	40
3/4''	19	29	10	150	100	1500	240	0.6	40
1''	25	35	10	150	100	1500	280	0.85	40
1 1/4''	32	42	10	150	100	1500	420	1.22	40
1 1/2''	38	49	10	150	100	1500	500	1.41	40
2''	51	62	10	150	100	1500	630	1.88	40
2 1/2''	64	76	10	150	100	1500	700	2.01	40

★ All other technical specifications are customizable per customer requirements

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EPDM STEAM HOSE 170°C

Construction:

Tube: White EPDM rubber.

Reinforcement: Multiple layers of heat-resistant textile cord.

Cover: White EPDM rubber (wrapped finish; pin-pricked to prevent blistering).

Temperature: -30° C (-22°F) to +170° C (338°F)

Application:

Hot water hose suitable for many applications in automobile industry,cleaning equipment, cooling systems

Characteristic:

resistant to heat, ozone, anti-freeze, and weathering



I.D.		O.D.	W.P.		B.P.		R	KG	L
inch	mm	mm	bar	psi	bar	psi	mm	kg/m	m
3/8''	10	21	17	250	170	2500	130	0.54	40
1/2''	12	23.5	17	250	170	2500	180	0.7	40
5/8''	16	27	17	250	170	2500	205	0.8	40
3/4''	19	30	17	250	170	2500	240	0.95	40
1''	25	36	17	250	170	2500	280	1.32	40
1 1/4''	32	43	17	250	170	2500	420	1.95	40
1 1/2''	38	51	17	250	170	2500	500	2.2	40
2''	51	64	17	250	170	2500	630	2.78	40
2 1/2''	64	77	17	250	170	2500	700	3.7	40

EPDM RADIATOR HOSE

Construction:

Tube:black EPDM

Reinforcement: high tensile textile cords.

Cover:black EPDM - heat, abrasion and ozone resistant.

Application:

Abrasion resistant, weather resistant and zone resistant. It is flexible, light in weight, anti-bending and less distortion.

Temperature: -40° C to +120° C



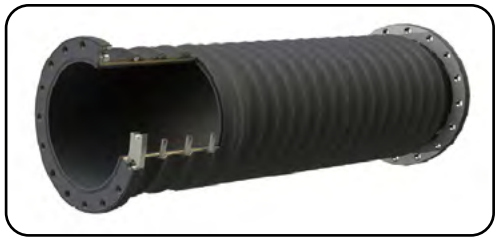
I.D.		O.D.	W.P.		L
inch	mm	mm	bar	psi	m
1/2"	13	21	5	75	1
5/8"	16	24	5	75	1
23/32"	18	26	5	75	1
13/16"	20	28	5	75	1
7/8"	22	30	5	75	1
1"	25	33	5	75	1
1-1/8"	28	36	5	75	1
1-3/16"	30	38	5	75	1
1-1/4"	32	40	5	75	1
1-3/8"	35	43	5	75	1
1-1/2"	38	48	5	75	1
1-9/16"	40	50	5	75	1
1-5/8"	42	52	5	75	1

I.D.		O.D.	W.P.		L
inch	mm	mm	bar	psi	m
1-3/4"	45	55	5	75	1
1-7/8"	48	58	5	75	1
2"	51	61	5	75	1
2-1/6"	55	65	5	75	1
2-1/4"	57	67	5	75	1
2-3/8"	60	70	5	75	1
2-1/2"	63	73	5	75	1
2-3/4"	70	80	5	75	1
3"	76	86	5	75	1
3-1/8"	80	90	5	75	1
3-1/2"	90	102	5	75	1
4"	102	114	5	75	1
4-5/16"	110	122	5	75	1

★ All other technical specifications are customizable per customer requirements

SUCTION DREDGING HOSE







Construction:

Tube: Abrasive resistant synthetic rubber with high strength breaker plies and coated with a high grade synthetic rubber interior surface.

Reinforcement: High tensile strength fabrics with a steel inner structure.Fullyembedded steel wire coils are incorporated to achieve kink, crush and local load resistance

Cover: Synthetic rubber, resistant to abrasion, weathering, sea water and oil exposure.The cover, which incorporates reinforcing breaker plies is black with a bright orange spiral stripe or coated in tough bright orange polyurethane.

Application:

Suction dredge hoses are designed for sediment absorption along with dredging ships. It is mainly applied for river and harbor construction, land reclamation and dredging, to extend the distance of the water dredging, The flexible and easily installed dredging hoses are abrasion and kink resistant thanks to the synthetic materials combined with the helix steel reinforcement wire. The smooth interior of the hoses helps prevent clogs and avoids damage from the abrasive materials passing through.

Characteristics:

- Superior abrasion resistance
- Weather and sea water resistance
- Without kink and crush
- Heavy duty Max working pressure 35bar
- UV resistant cover

Temperature: -25°C to+80°C (-13°F to +176°F)

Size		W.P	B.P	VACUUM	Wear Layer Thickness	Cover Thickness	Length
inch	mm	bar	bar	bar	mm	mm	m
12	300	3-10	9-30	0.8	10-15	5	1-3
16	400	3-10	9-30	0.8	10-15	5	1-3
18	450	3-11	9-30	0.8	10-15	5	1-3
20	500	3-10	9-30	0.8	10-15	5	1-3
22	550	3-10	9-30	0.8	10-15	5	1-3
24	600	3-10	9-30	0.8	10-15	5	1.5-3
26	650	3-10	9-30	0.8	15-20	5	1.5-3
28	700	3-10	9-30	0.8	15-20	5	1.5-3
30	750	3-10	9-30	0.8	15-20	5	1.5-3
32	800	3-10	9-30	0.8	15-20	5	1.5-3
34	850	3-10	9-30	0.8	20-25	5-8	1.5-3
36	900	3-10	9-30	0.8	20-25	5-8	2-3
40	1000	3-10	9-30	0.8	20-25	5-8	2-3
44	1100	3-10	9-30	0.8	25-30	5-8	2-3
48	1200	3-10	9-30	0.8	25-30	5-8	2-3
52	1300	3-10	9-30	0.8	25-30	5-8	2-3

★ All other technical specifications are customizable per customer requirements

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DISCHARGE DREDGING HOSE

Construction:

Tube: Synthetic abrasive resistant rubber with high strength breaker plies coated with high grade synthetic rubber to achieve maximum adhesion of the lining to the hose carcass.

Reinforcement: Multiple layers of high tensile reinforcing materials with outstanding resistance to fatigue. Fully embedded steel wire coils are incorporated to achieve kink, crush and local load resistance.

Cover: Synthetic rubber, resistant to abrasion, weathering, sea water and oil. The cover, which incorporates reinforcing breaker plies is black with a bright orange spiral stripe or coated in a tough bright orange polyurethane.







Application:

The discharge dredging hose is used to transport sediments along with dredging ships at port and dock,it is used for discharging of seawater, silt, sand and other dredging materials,it can be connected with pipeline well,and reduce sway for wave,so that medium can flow more smoothly.

Characteristic:

- Excellent stiffness and resistance to external physical damage.
- High abrasion resistance
- Weather and sea water resistance
- Heavy duty Max 35 bar working pressure
- UV resisant cover

Temperature:

-25°C to +80°C (-13°F to +176°F)

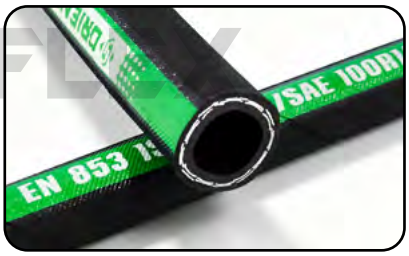
ID		W.P	B.P	Wear Layer Thickness	Cover Thickness	Length
inch	mm	bar	bar	mm	mm	m
12	300	5-15	15-45	12-15	5	1.5-2.0
16	400	5-15	15-45	12-15	5	1.5-2.0
18	450	5-15	15-45	12-15	5	1.5-2.0
20	500	10-20	30-60	15-20	5	1.5-2.0
22	550	10-20	30-60	15-20	5	1.5-2.0
24	600	15-25	45-75	15-20	5	1.5-2.0
26	650	15-25	45-75	15-20	5	1.5-2.0
28	700	15-25	45-75	20-25	5	1.5-2.0
30	750	15-25	45-75	20-25	5	1.5-2.0
32	800	15-25	45-75	25-50	5-8	1.5-2.0
36	900	20-30	60-90	25-50	5-8	2.0-3.0
40	1000	25-30	75-90	25-50	5-8	2.0-3.0
44	1100	25-30	75-90	25-50	5-8	2.0-3.0

★ All other technical specifications are customizable per customer requirements

SAE100 R1AT/EN 853 1SN

ONE LAYER STEEL WIRE REINFORCED, HYDRAULIC HOSE





Inner tube: oil resistant synthetic nitrile rubber

Reinforcement: single layer of steel wire braided

Cover: Black, oil resistant, synthetic rubber

Surface: wrapped surface,smooth surface

Temperature range: -40°C to 100°C

Application: Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100 R1 Type AT and performance requirements of EN 853 1SN.Mine hydraulic support, oilfield extraction machinery, mine/ road/construction machinery.

Metric Size	Inch Size	SAE Dash Size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)	W.P.		B.P.		R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	9.0	10.0	11.0	12.2	25.0	3625	100.0	90	0.19
6.3	1/4"	4	6.2	7.0	10.6	11.6	12.8	14.0	22.5	3263	90.0	100	0.23
8.0	5/16"	5	7.7	8.5	12.5	13.5	14.6	15.7	21.5	3118	86.0	115	0.27
10.0	3/8"	6	9.3	10.3	14.5	15.7	16.8	18.0	18.0	2610	72.0	130	0.34
12.5	1/2"	8	12.3	13.5	17.5	19.0	20.1	21.3	16.0	2320	64.0	180	0.42
16.0	5/8"	10	15.5	16.7	20.6	22.2	23.2	24.8	13.0	1885	52.0	200	0.51
19.0	3/4"	12	18.6	19.8	24.3	25.5	27.0	29.0	10.5	1523	42.0	240	0.63
25.0	1	16	25.0	26.4	31.9	33.1	35.2	36.5	8.8	1276	35.2	300	0.95
31.5	1.1/4"	20	31.4	33.0	39.2	40.8	42.3	44.7	6.3	914	25.2	420	1.30
38.0	1.1/2"	24	37.7	39.3	44.9	46.5	48.0	5.0	5.0	725	20.0	500	1.60
51.0	2"	32	50.4	52.0	58.7	60.3	61.8	64.2	4.0	580	16.0	630	2.20

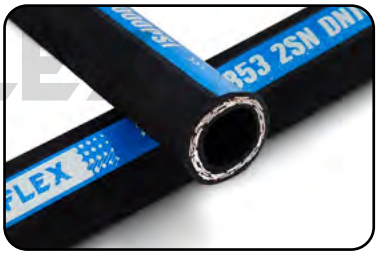
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SAE100 R2 AT/EN 853 2SN

TWO LAYERS STEEL WIRE REINFORCED, HYDRAULIC HOSE





Inner tube: oil resistant synthetic nitrile rubber

Reinforcement: two layers of steel wire braided

Cover: oil and weather resistant synthetic rubber

Temperature range: -40°C to 100°C

Surface: wrapped surface,smooth surface(Size:1/4-1")

Application:

High-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R2AT performance requirements of EN853 2SN. For high pressure hydraulic systems in industry and agriculture.

Metric Size	Inch Size	SAE Dash Size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)	W.P.		B.P.		R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	10.6	11.6	12.7	13.9	41.5	6018	166.0	90	0.27
6.3	1/4"	4	6.2	7.0	12.6	13.6	14.4	15.6	40.0	5800	160.0	100	0.34
8.0	5/16"	5	7.7	8.5	14.1	15.1	15.7	16.9	35.0	5075	140.0	115	0.39
10.0	3/8"	6	9.3	10.3	16.3	17.5	18.1	19.3	33.0	4785	132.0	130	0.49
12.5	1/2"	8	12.3	13.5	19.4	20.6	21.6	22.8	27.5	3988	110.0	180	0.59
16.0	5/8"	10	15.5	16.7	22.2	23.8	24.6	26.2	25.0	3625	100.0	200	0.71
19.0	3/4"	12	18.6	19.8	26.2	27.8	28.8	30.4	21.5	3118	86.0	240	0.89
25.0	1	16	25.0	26.4	33.6	34.8	36.3	37.9	16.5	2393	66.0	300	1.37
31.5	1.1/4"	20	31.4	33.0	43.6	45.0	46.3	48.7	12.5	1813	50.0	420	2.27
38.0	1.1/2"	24	37.7	39.3	49.6	51.4	52.8	55.2	9.0	1305	36.0	500	2.44
51.0	2"	32	50.4	52.0	62.3	64.7	65.6	68.0	8.0	1160	32.0	630	3.00

★ All other technical specifications are customizable per customer requirements

SAE100 R3/EN 854 R3

TWO LAYERS FIBER BRAID HYDRAULIC HOSE



Inner tube: oil resistant synthetic nitrile rubber

Reinforcement: two layers of high strength fiber braided

Cover: oil and weather resistant synthetic rubber

Application: petroleum base and water base hydraulic fluids

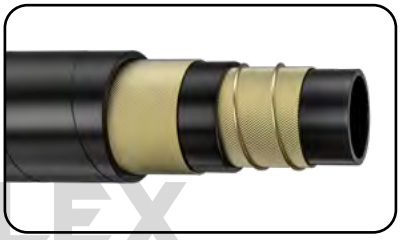
Surface: wrapped surface, smooth surface

Temperature range: -40°C to 100°C

Metric Size	Inch Size	SAE Dash size	I.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	11.9	13.5	10.5	1523	42.0	75	0.15
6.3	1/4"	4	6.2	7.0	13.5	15.1	8.7	1262	34.8	75	0.16
8.0	5/16"	5	7.7	8.5	16.7	18.3	8.4	1218	33.6	100	0.25
10.0	3/8"	6	9.3	10.3	18.3	19.8	7.8	1131	31.2	100	0.31
12.5	1/2"	8	12.3	13.5	23.0	24.6	7.0	1015	28.0	125	0.40
16.0	5/8"	10	15.5	16.7	26.2	27.8	6.1	885	24.4	140	0.51
19.0	3/4"	12	18.6	19.8	31.0	32.5	5.2	754	20.8	150	0.61
25.0	1	16	25.0	26.4	36.9	39.3	3.9	566	15.6	205	0.91
31.5	1.1/4"	20	31.4	33.0	42.9	45.2	2.6	377	10.4	250	1.10

SAE100 R4

EMBEDED WIRE HELIX HYDRAULIC OIL SUCTION HOSE



Inner tube: oil resistant synthetic nitrile rubber

Reinforcement: 2 layer or 4 layers of high strength synthetic textile and helix steel wire

Cover: oil and weather resistant synthetic rubber

Application: petroleum base and water base hydraulic fluids

Surface: wrapped surface

Temperature range: -40°C to 100°C

Metric Size	Inch Size	SAE Dash size	I.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
19.0	3/4"	12	18.6	19.8	34.0	35.0	2.1	305	8.4	100	1.01
25.0	1	16	25.0	26.4	40.0	41.0	1.7	247	6.8	150	1.23
32.0	1.1/4"	20	32.0	33.0	48.0	49.0	1.4	203	5.6	190	1.74
38.0	1.1/2"	24	38.0	38.5	54.0	55.0	1.1	152	4.2	220	1.99
51.0	2"	32	50.0	51.0	67.0	68.0	0.7	102	2.8	300	2.54
64.0	2.1/2"	40	63.0	64.0	80.0	81.6	0.4	58	1.6	380	3.24
76.0	3"	48	75.0	76.0	92.4	94.4	0.4	58	1.6	450	3.94
102.0	4"	64	100.0	102.0	118.0	120.2	0.4	58	1.6	550	5.31

★ All other technical specifications are customizable per customer requirements

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SAE100 R5

ONE LAYER WIRE BRAID, TEXTILE COVERED HYDRAULIC HOSE

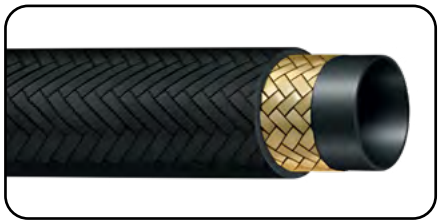
Inner tube:oil resistant synthetic nitrile rubber

Reinforcement: single layer of steel wire braided

Cover: single layer of fibre braided

Application: petroleum base and water base hydraulic fluids

Temperature range: -40°C to 100°C



Metric Size	Inch Size	SAE Dash size	I.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	12.5	13.5	21.0	3045	84.0	75	0.20
6.3	1/4"	4	6.2	7.0	14.1	15.1	21.0	3045	84.0	85	0.25
8.0	5/16"	5	7.7	8.5	16.2	17.4	15.7	2277	62.8	100	0.31
10.0	3/8"	6	9.3	10.3	18.4	19.6	14.0	2030	56.0	115	0.36
12.5	1/2"	8	12.3	13.5	22.2	23.8	12.2	1769	48.8	140	0.45
16.0	5/8"	10	15.5	16.7	26.2	27.8	10.5	1523	42.0	165	0.60
22.0	7/8"	14	22.2	23.3	30.0	38.8	5.6	812	22.4	185	0.70
28.6	1.1/8"	20	28.6	29.8	36.3	38.7	4.3	624	17.2	360	0.85
34.9	1.3/8"	24	34.9	36.1	42.8	45.2	3.5	508	14.0	420	1.00
46.0	1.3/4"	32	46.0	47.2	54.3	56.7	2.4	348	9.6	480	1.40
60.3	2.3/8"	40	60.3	61.9	70.8	73.2	2.4	348	9.6	610	2.16

SAE100 R6/EN854 R6

ONE LAYER FIBER BRAID HYDRAULIC HOSE

Inner tube: oil resistant synthetic nitrile rubber

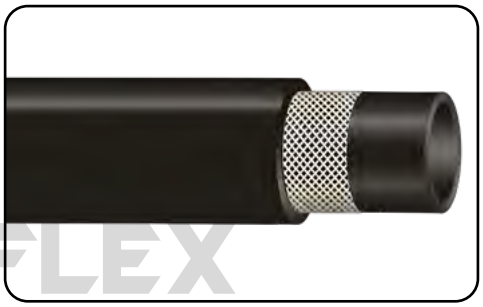
Reinforcement: single layer of fibre braided

Cover: oil and weather resistant synthetic rubber

Application: petroleum base and water base hydraulic fluids

Temperature range: -40°C to 100°C

Surface: wrapped surface,smooth surface(Size:1/4-3/4")

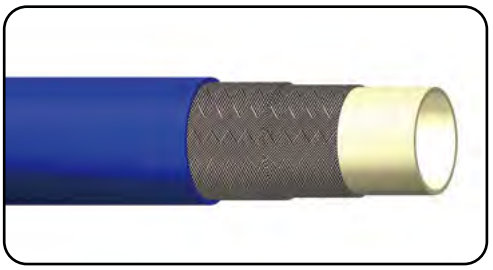


Metric Size	Inch Size	SAE Dash size	I.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	11.0	12.2	3.4	493	13.6	50	0.10
6.3	1/4"	4	6.2	7.0	11.9	13.5	2.8	406	11.2	65	0.15
8.0	5/16"	5	7.7	8.5	13.5	15.1	2.8	406	11.2	80	0.16
10.0	3/8"	6	9.3	10.3	15.1	16.7	2.8	406	11.2	80	0.18
12.5	1/2"	8	12.3	13.5	19.0	20.6	2.8	406	11.2	100	0.26
16.0	5/8"	10	15.5	16.7	22.2	24.3	2.4	348	9.6	125	0.29
19.0	3/4"	12	18.6	19.8	26.2	27.8	2.1	305	8.4	150	0.40
25.0	1	16	25.0	26.4	35.5	36.3	2.0	290	8.0	180	0.80

★ All other technical specifications are customizable per customer requirements

SAE100R7/EN855 R7(FIBRE BRAID)

FIBER BRAID(NONMETALLIC) RESIN HOSE

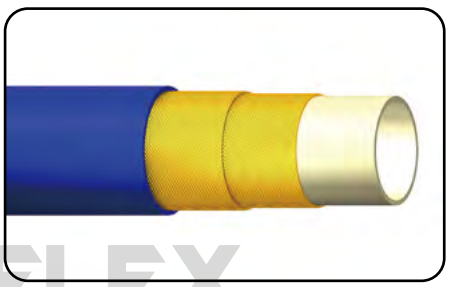


INNER TUBE: Oil resistant seamless thermoplastic Polyamide (PA) tube.
REINFORCEMENT: one or two layer braided high tensile synthetic fibre.
COVER: Black high abrasion resistant polyurethane.
APPLICATION: Medium pressure hydraulic and pneumatic systems. Meets or exceeds SAE 100R7 requirements. For pneumatic or gaseous systems, use perforated (pin-pricked) hose.
TEMPERATURE RANGE: -40°C to 120°C

Metric Size	Inch Size	SAE Dash size	I.D.	O.D.		W.P.		B.P.		R		KG	
			Standard	one layer	two layers	one layer	two layers	one layer	two layers	one layer	two layers	one layer	two layers
mm	Inches	Dash	mm	mm	mm	MPa	MPa	MPa	MPa	mm	mm	kg/m	kg/m
5	3/16"	03	4.8	10.8	13.0	21.0	35.0	84.0	140.0	20	38	0.06	0.09
6	1/4"	04	6.3	13.0	15.0	19.0	35.0	76.0	140.0	33	51	0.08	0.11
8	5/16"	05	7.9	15.0	17.0	17.5	30.0	70.0	120.0	46	60	0.1	0.14
10	3/8"	06	9.5	17.0	20.5	15.7	28.0	62.8	112.0	51	64	0.13	0.18
13	1/2"	08	12.7	20.3	22.5	14.0	24.5	56.0	98.0	76	100	0.16	0.21
16	5/8"	10	15.9	23.5	26.0	11.0	19.2	44.0	76.8	110	140	0.23	0.38
19	3/4"	12	18.9	26.5	29.0	8.7	15.7	34.8	62.8	127	170	0.3	0.44
25	1	16	25.4	33.5	37.2	7.0	14.0	28.0	56.0	203	230	0.47	0.62

SAE100 R7/EN855 R7(STEEL WIRE BRAID)

STEEL WIRE BRAID RESIN HOSE



INNER TUBE: Oil resistant seamless thermoplastic Polyamide (PA) tube.
REINFORCEMENT: one or two layer braided high tensile steel wire.
COVER: Black high abrasion resistant polyurethane.
APPLICATION: Medium pressure hydraulic and pneumatic systems. Meets or exceeds SAE 100R7 requirements. For pneumatic or gaseous systems, use perforated (pin-pricked) hose.
TEMPERATURE RANGE: -40°C to 120°C

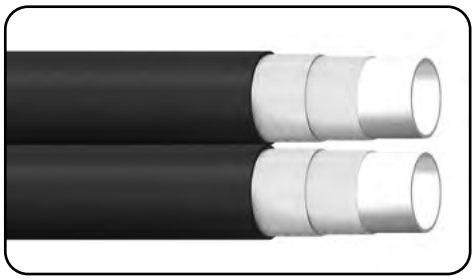
Metric Size	Inch Size	SAE Dash size	I.D.	O.D.		W.P.		B.P.		R		KG	
			Standard	one layer	two layers	one layer	two layers	one layer	two layers	one layer	two layers	one layer	two layers
mm	Inches	Dash	mm	mm	mm	MPa	MPa	MPa	MPa	mm	mm	kg/m	kg/m
5	3/16"	3	4.8	10.8	13.0	50.0	65.0	200.0	260.0	70	70	0.12	0.18
6	1/4"	4	6.3	13.0	15.0	40.0	60.0	160.0	240.0	80	80	0.16	0.26
8	5/16"	5	7.9	15.0	17.0	30.0	40.0	120.0	160.0	90	90	0.2	0.29
10	3/8"	6	9.5	17.0	20.5	26.0	38.0	104.0	152.0	100	100	0.25	0.38
13	1/2"	8	12.7	20.3	22.5	21.0	31.0	84.0	124.0	120	120	0.32	0.45
16	5/8"	10	15.9	23.5	26.0	15.0	25.0	60.0	100.0	150	150	0.35	0.53
19	3/4"	12	18.9	26.5	29.0	13.0	20.0	52.0	80.0	180	180	0.39	0.61
25	1	16	25.4	33.5	37.2	10.0	14.0	40.0	56.0	250	250	0.61	0.87

★ All other technical specifications are customizable per customer requirements

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SAE100R7/EN855 R7(TWIN HOSE)

FIBRE OR WIRE BRAID RESIN TWIN HOSE



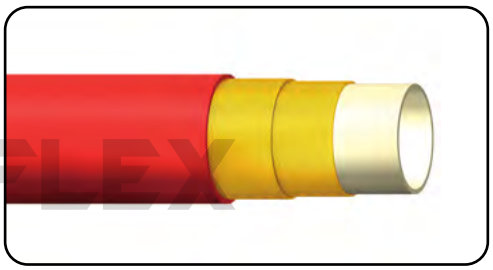
INNER TUBE: Oil resistant seamless thermoplastic Polyamide (PA) tube.
REINFORCEMENT: one or two layer braided high tensile synthetic fibre.
COVER: Black high abrasion resistant polyurethane.
APPLICATION: Medium pressure hydraulic and pneumatic systems. Meets or exceeds SAE 100R7 requirements. For pneumatic or gaseous systems, use perforated (pin-pricked) hose.
TEMPERATURE RANGE: -40°C to 120°C

Metric Size	Inch Size	SAE Dash size	I.D	O.D	Allowed Tolerance	Max W.P		Min B.P (Mpa)		Min B.R (mm)		W.T (g/m)	
			Standard	Standard		fiber braid	wire braid						
mm	Inches	Dash	mm	mm	mm	psi	psi	F.B	W.B	F.B	W.B	F.B	W.B
5	3/16"	03	4.8	9.0	9.5	21.0	35.0	84.0	140.0	20	38	0.06	0.09
6	1/4"	04	6.3	12.0	13.0	19.0	35.0	76.0	140.0	33	51	0.08	0.11
8	5/16"	05	7.9	13.5	14.5	17.5	30.0	70.0	120.0	46	60	0.1	0.14
10	3/8"	06	9.5	16.0	17.5	15.7	28.0	62.8	112.0	51	64	0.13	0.18
13	1/2"	08	12.7	19.0	21.0	14.0	24.5	56.0	98.0	76	100	0.16	0.21

Metric Size	Inch Size	SAE Dash size	I.D	O.D	Allowed Tolerance	Max W.P		Min B.P (Mpa)		Min B.R (mm)		W.T (g/m)	
			Standard	Standard		fiber braid	wire braid						
mm	Inches	Dash	mm	mm	mm	psi	psi	F.B	W.B	F.B	W.B	F.B	W.B
5	3/16"	3	4.8	9.5	10.5	50.0	65.0	200.0	260.0	70	70	0.12	0.18
6	1/4"	4	6.3	12.0	13.8	40.0	60.0	160.0	240.0	80	80	0.16	0.26
8	5/16"	5	7.9	13.5	15.5	30.0	40.0	120.0	160.0	90	90	0.2	0.29
10	3/8"	6	9.5	16.5	18.0	26.0	38.0	104.0	152.0	100	100	0.25	0.38
13	1/2"	8	12.7	19.0	21.0	21.0	31.0	84.0	124.0	120	120	0.32	0.45

SAE100 R8/EN855 R8

ARAMID FIBRE BRAID RESIN HOSE



INNER TUBE: Oil resistant seamless thermoplastic Polyamide (PA) tube.
REINFORCEMENT: one or two layer braided high tensile aramid fibre
COVER: Black high abrasion resistant polyurethane.
APPLICATION: Medium pressure hydraulic and pneumatic systems. Meets or exceeds SAE 100R8 requirements. For pneumatic or gaseous systems, use perforated (pin-pricked) hose.
TEMPERATURE RANGE: -40°C to 120°C

Metric Size	Inch Size	SAE Dash size	I.D	O.D	Allowed Tolerance	Max W.P		Min B.P	Min B.R	W.T
			Standard	Standard						
mm	Inches	Dash	mm	mm	mm	Mpa	psi	Mpa	mm	g/m
6.3	1/4	04	6.3	12.3	±0.10	38	5510	150.0	40	90
8	5/16	05	7.9	14.3	±0.10	33	4785	130.0	45	115
10	3/8	06	9.5	16.7	±0.15	28	4060	112.0	60	145
12.5	1/2	08	12.7	19.8	±0.15	25	3625	100.0	80	205
16	5/8	10	15.9	24.5	±0.15	23	3335	90.0	120	290
19	3/4	12	18.9	28.0	±0.15	18	2610	70.0	140	345
25	1	16	25.4	34.0	±0.20	15	2175	60.0	160	450

★ All other technical specifications are customizable per customer requirements

SAE100R9/R10/R12

FOUR LAYERS SPIRAL STEEL WIRE REINFORCED,HYDRAUIC HOSE

INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: 4 layer of steel wire spiral

COVER: Oil resistant synthetic nitrile rubber

APPLICATION: Petroleum base and water base hydraulic fluids

TEMPERATURE RANGE: -40°C to 100°C



Metric Size	Inch Size	SAE Dash size	I.D Standard(mm)		W.D Standard(mm)		O.D Standard(mm)		Max W.P		Min B.P	Min B.R	W.T
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	psi	Mpa	mm	Kg/m
10.0	3/8"	6	9.3	10.3	16.9	18.1	19.0	21.0	28.0	4060	112.0	125	0.71
12.5	1/2"	8	12.3	13.5	20.1	21.3	22.1	24.1	28.0	4060	112.0	180	0.85
16.0	5/8"	10	15.5	16.7	24.0	25.2	26.5	28.5	28.0	4060	112.0	200	1.06
19.0	3/4"	12	18.6	19.8	26.9	28.4	29.1	31.1	28.0	4060	112.0	240	1.33
25.0	1	16	25.0	26.4	34.2	35.8	36.3	38.7	28.0	4060	112.0	300	1.83
31.5	1.1/4"	20	31.4	33.0	42.9	44.9	45.3	47.7	21.0	3045	84.0	420	2.67
38.0	1.1/2"	24	37.7	39.3	49.4	51.4	52.3	54.7	17.5	2538	70.0	500	3.12
51.0	2"	32	50.4	52.0	62.5	64.8	65.1	68.3	17.5	2538	70.0	640	4.48

SAE100R13

MULTIPLE LAYERS SPIRAL STEEL WIRE REINFORCED, HYDRAUIC HOSE

INNER TUBE: Oil resistant synthetic nitrile rubber

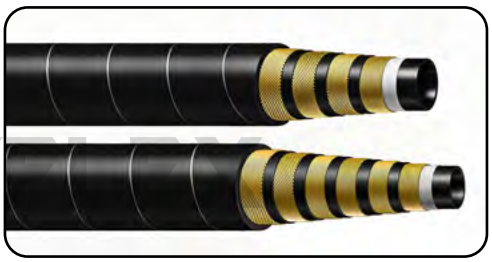
REINFORCEMENT: 4 layer(3/4"), 6 layer(1-1/4", 1-1/2") steel wire spiral

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

SURFACE: Wrapped surface

TEMPERATURE RANGE: -40°C to 100°C



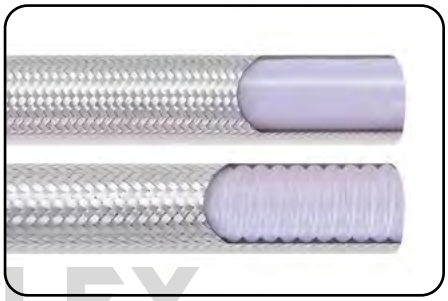
Metric Size	Inch Size	SAE Dash size	I.D (mm)		W.D (mm)		O.D (mm)		Max W.P		Min B.P	Min B.R	W.T
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	psi	Mpa	mm	Kg/m
19.0	3/4"	12	18.6	19.8	28.2	29.4	31.1	33.2	35.0	5075	140.0	240	1.61
25.0	1	16	25.0	26.4	34.8	36.4	37.3	39.7	35.0	5075	140.0	300	2.06
31.5	1.1/4"	20	31.4	33.0	46.0	48.0	48.8	51.2	35.0	5075	140.0	420	3.84
38.0	1.1/2"	24	37.7	39.3	53.0	55.0	55.8	58.2	35.0	5075	140.0	500	4.60
51.0	2"	32	50.4	52.0	67.1	69.1	69.5	72.5	35.0	5075	140.0	640	6.61

★ All other technical specifications are customizable per customer requirements

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SAE 100R14

Inner Smooth Bore Hose



Construction:

Tube: 100% PTFE resin

Cover: Single or double AISI 304 or 316 stainless steel wire outer braid

Application: Design being used in automotive, fluid handling, chemical transfer, paint, pharmaceutical, food & beverage processing, cosmetics and general-purpose applications.

Inner Corrugated Hose



Construction:

Tube: 100% PTFE resin

Cover: Single or double AISI 304 or 316 stainless steel wire outer braid

Application: It features excellent flexibility and kink resistance for superior performance in chemical transfer, high temperature hydraulics, and hose applications requiring tight routings, high temperature media transfer and general-purpose applications.

TEMPERATURE RANGE: -60°C to +260°C

Inner Smooth Hose

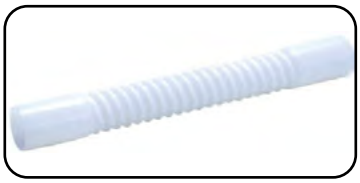
Size	I.D		O.D		Wall Thickness	W.P		B.P		Minimum Bending Radius
inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	mm
1/8"	3.5	0.138	6.6	0.26	1	4727	326	14613	1007.76	51
3/16"	4.8	0.189	8	0.315	0.85	3582	247	10738	740.52	75
1/4"	6.4	0.252	9.2	0.362	0.85	3106	214.2	9658	666.06	81
5/16"	8	0.315	11	0.433	0.85	2781	191.76	8682	598.74	92
3/8"	9.7	0.382	12.8	0.504	0.85	2736	188.7	8223	567.12	131
1/2"	12.7	0.5	15.9	0.626	1	1568	108.12	6818	470.22	182
5/8"	16	0.63	19.2	0.756	1	1878	129.54	5650	389.64	211
3/4"	19	0.748	22.7	0.894	1.2	1154	79.56	3979	274.38	338
7/8"	22.2	0.874	26	1.024	1.2	887	61.2	2884	198.9	421
1"	25	0.984	29.3	0.154	1.5	592	40.8	2263	156.06	539
2"	50	1.969	55.6	2.189	2	444	30.6	1775	122.4	1015

Inner Corrugated Hose

Size	I.D		O.D		Wall Thickness	W.P		B.P		Minimum Bending Radius
inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	mm
1/4"	6.5	0.256	11.5	0.453	0.8	1929	133	5546	382.5	20
5/16"	8	0.315	12.3	0.484	0.65	1923	132.6	5324	367.2	25
3/8"	10	0.394	14.2	0.559	0.65	1849	127.5	5177	357	33
1/2"	13	0.512	17.2	0.677	0.85	1627	112.2	4881	336.6	42
5/8"	16	0.63	21.6	0.85	0.9	1183	81.6	3560	244.8	60
3/4"	19	0.748	25.3	0.996	1	1035	71.4	3108	214.2	63
1"	25	0.984	31	1.22	1	740	51	2219	153	79
1-1/4"	32	1.26	39	1.535	1.1	710	48.96	2071	142.8	125
1-1/2"	38	1.496	45	1.772	1.45	636	43.86	1775	122.4	145
2"	50	1.969	60	2.362	1.5	503	34.68	1479	102	180

★ All other technical specifications are customizable per customer requirements

PTFE CORRUGATED INNER TUBE INNER STRAIGHT TUBE





Performance: PTFE corrugated hose is similar to stainless steel metal hose, with fine structure, no mechanical impurities, high strength, excellent chemical stability, corrosion resistance, sealing, self-lubricating and non-stick, electrical insulation and excellent Anti-aging ability.

Advantages: High temperature resistance, corrosion resistance, high pressure resistance, because this product adopts special high-grade PTFE hose, high temperature braiding; It can be used for a long time at -60°C to 250°C, has reliable and excellent corrosion resistance, and is used to transport strong corrosive media at high temperatures.

Application: Widely used in chemical industry, machinery, electronics, electrical appliances, military industry, aerospace, pipeline, petroleum, textile machinery, electrical insulation, environmental protection and other fields.

ORIENTFLEX

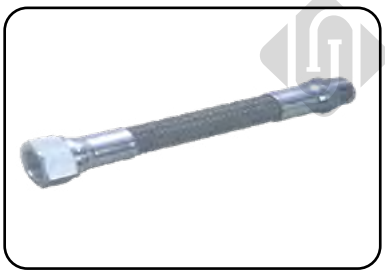
PTFE corrugated inner tube

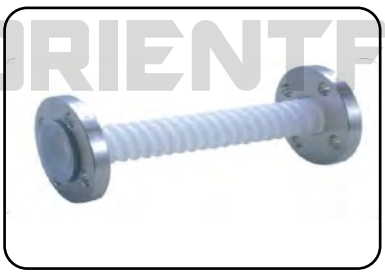
SIZE	THICKNESS	INNER DIAMETER AFTER CORRUGATION	OUTSIDE DIAMETER AFTER CORRUGATION	SIZE	THICKNESS	INNER DIAMETER AFTER CORRUGATION	OUTSIDE DIAMETER AFTER CORRUGATION
MM	MM	MM	MM	MM	MM	MM	MM
6*8	0.9-1.0	4.9-5.1	7.5-7.7	20*22	0.9-1.0	16-16.3	20-20.8
8*10	0.9-1.0	6.5-6.8	9.5-9.7	20*23	1.4-1.5	16.3-16.6	22-22.3
10*12	0.9-1.0	7.8-8.1	11-11.4	21*24	1.4-1.5	17.8-18.2	23.4-23.8
12*14	0.9-1.0	9.1-9.3	13.2-13.4	22*25	1.4-1.5	17.8-18.2	23.4-23.8
13*15	0.9-1.0	10-10.3	14.2-14.5	24*26	0.9-1.0	19.3-19.8	24-24.5
16*18	0.9-1.1	13-13.3	17.2-17.8	25*28	1.4-1.5	21-21.8	26.5-27.5
16*19	1.4-1.5	13-13.2	18-18.3	25*29	1.9-2.0	21-21.3	27-27.8

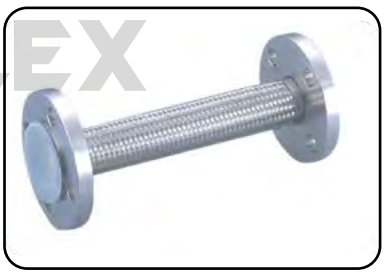
PTFE inner straight tube

SIZE	ID	OD	THICKNESS	MIN B.R	W.P	B.P	SIZE	ID	OD	THICKNESS	MIN B.R	W.P	B.P
	MM	MM	MM	MM	BAR	BAR		MM	MM	MM	MM	BAR	BAR
1*3	1	3	1	15	30	105	6*8	6	8	1	65	11	38
2*4	2	4	1	25	23	80	8*10	8	10	1	100	9	31
3*5	3	5	1	30	18	63	10*12	10	12	1	150	8	26
4*6	4	6	1	40	15	52	12*14	12	14	1	200	7	23
5*7	5	7	1	50	13	45	14*16	14	16	1	255	6	21

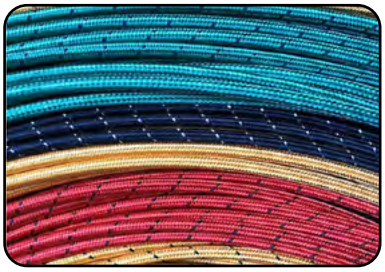
ORIENTFLEX













★ All other technical specifications are customizable per customer requirements

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SAE100R15

MULTIPLE LAYERS SPIRAL STEEL WIRE REINFORCED, HYDRAULIC HOSE



INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: 4 layer(3/8-1"),6 layer(1 1/4,1 1/2) steel wire spiral

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

SURFACE: Wrapped surface

TEMPERATURE RANGE: -40°C to 100°C

Metric Size	Inch Size	SAE Dash size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
10.0	3/8"	6	9.3	10.1	18.6	19.8	21.0	23.0	42.0	6090	168.0	150	0.93
12.5	1/2"	8	12.3	13.5	21.6	22.8	24.2	26.2	42.0	6090	168.0	200	1.10
19.0	3/4"	12	18.6	19.8	27.8	29.0	30.0	32.0	42.0	6090	168.0	265	1.54
25.0	1	16	25.0	26.4	34.6	36.6	37.2	39.6	42.0	6090	168.0	330	2.17
31.5	1.1/4"	20	31.4	33.0	46.4	48.4	48.7	51.7	42.0	6090	168.0	445	4.08
38.0	1.1/2"	24	37.7	39.3	52.0	54.0	54.5	57.5	42.0	6090	168.0	530	4.67

SAE100R16

TWO LAYERS STEEL WIRE REINFORCED HYDRAULIC HOSE



INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: Two layers of steel wire braided

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

SURFACE: Wrapped surface, smooth surface

TEMPERATURE RANGE: -40°C to 100°C

Metric Size	Inch Size	SAE Dash size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
6.3	1/4"	4	6.2	7.0	10.7	11.7	12.6	13.8	35.0	5075	140.0	50	0.34
8.0	5/16"	5	7.7	8.5	12.1	13.3	14.4	15.6	29.7	4307	118.8	55	0.39
10.0	3/8"	6	9.3	10.3	14.5	15.5	16.4	17.6	28.0	4060	112.0	65	0.49
12.5	1/2"	8	12.3	13.5	17.9	18.9	19.9	21.1	24.5	3553	98.0	90	0.59
16.0	5/8"	10	15.5	16.7	21.4	22.6	23.2	24.8	21.0	3045	84.0	100	0.71
19.0	3/4"	12	18.6	19.8	25.1	26.3	27.2	28.8	21.0	3045	84.0	120	0.89
25.0	1	16	25.0	26.4	32.3	33.9	34.1	36.5	14.0	2030	56.0	150	1.37
31.5	1.1/4"	20	31.4	33.0	40.3	41.9	42.8	45.2	11.3	1639	45.2	210	2.27

★ All other technical specifications are customizable per customer requirements

SAE100R17

ONE LAYER OR TWO LAYERS STEEL WIRE REINFORCED, HYDRAULIC HOSE



INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: One layer (1/4-1/2"),two Layer (5/8-1")of high-tensile steel wire braided

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

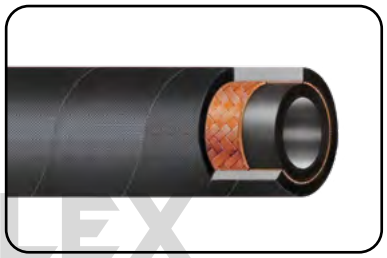
SURFACE: Wrapped surface, smooth surface

TEMPERATURE RANGE: -40°C to 100°C

Metric Size	Inch Size	SAE Dash size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	9.0	10.0	11.0	12.2	21.0	3045	84.0	50	0.18
6.3	1/4"	4	6.2	7.0	10.3	11.3	12.2	13.4	21.0	3045	84.0	50	0.19
8.0	5/16"	5	7.7	8.5	11.8	12.8	13.7	14.9	21.0	3045	84.0	55	0.22
10.0	3/8"	6	9.3	10.3	13.6	14.6	15.5	16.7	21.0	3045	84.0	65	0.28
12.5	1/2"	8	12.3	13.5	16.8	17.8	19.4	20.6	21.0	3045	84.0	90	0.38
16.0	5/8"	10	15.5	16.7	22.2	23.2	23.9	25.1	21.0	3045	84.0	100	0.68
19.0	3/4"	12	18.6	19.8	25.1	26.3	26.9	28.5	21.0	3045	84.0	120	0.83
25.0	1	16	25.0	26.4	33.2	34.4	35.7	37.3	21.0	3045	84.0	150	1.29

EN854 1TE

LOW PRESSURE, TEXTILE REINFORCED HYDRAULIC RUBBER HOSE



INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: One layer textile yarn braided

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum-based hydraulic fluids under medium pressure

SURFACE: Wrapped surface , smooth surface

TEMPERATURE RANGE: -40°C to 100°C

Metric Size	Inch Size	SAE Dash size	I.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	11.0	12.2	3.4	493	13.6	50	0.10
6.3	1/4"	4	6.2	7.0	11.9	13.5	2.8	406	11.2	65	0.15
8.0	5/16"	5	7.7	8.5	13.5	15.1	2.8	406	11.2	80	0.16
10.0	3/8"	6	9.3	10.3	15.1	16.7	2.8	406	11.2	80	0.18
12.5	1/2"	8	12.3	13.5	19.0	20.6	2.8	406	11.2	100	0.26
16.0	5/8"	10	15.5	16.7	22.2	24.3	2.4	348	9.6	125	0.29
19.0	3/4"	12	18.6	19.8	26.2	27.8	2.1	305	8.4	150	0.40
25.0	1	16	25.0	26.4	35.5	36.3	2.0	290	8.0	180	0.80

★ All other technical specifications are customizable per customer requirements

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EN854 2TE

MEDIUM PRESSURE TEXTILE REINFORCED HYDRAULIC RUBBER HOSE

INNER TUBE: Oil resistant synthetic nitrile rubber
REINFORCEMENT: Two layers of fibre braided
COVER: Oil and weather resistant synthetic rubber
APPLICATION: Petroleum-based hydraulic fluids under medium pressure
SURFACE: Wrapped surface , smooth surface
TEMPERATURE RANGE: -40°C to 100°C

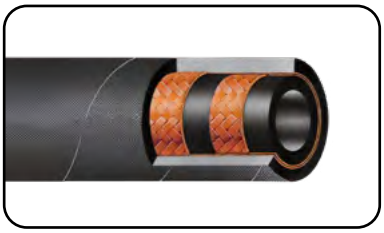


Metric Size	Inch Size	SAE Dash size	I.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	3	4.6	5.4	11.0	12.6	8.0	1160	32.0	35	0.12
6.3	1/4"	4	6.2	7.0	12.6	14.2	7.5	1088	30.0	40	0.13
8.0	5/16"	5	7.7	8.5	14.1	15.7	6.8	986	27.2	50	0.16
10.0	3/8"	6	9.3	10.3	15.7	17.3	6.3	914	25.2	60	0.21
12.5	1/2"	8	12.3	13.5	18.7	20.7	5.8	841	23.2	70	0.27
16.0	5/8"	10	15.5	16.7	22.9	24.9	5.0	725	20.0	90	0.33
19.0	3/4"	12	18.6	19.8	26.0	28.0	4.5	653	18.0	110	0.45
25.0	1"	16	25.0	26.4	32.9	35.9	4.0	580	16.0	130	0.57

EN854 3TE

HIGH PRESSURE, TEXTILE REINFORCED HYDRAULIC RUBBER HOSE

INNER TUBE: Oil resistant synthetic nitrile rubber
REINFORCEMENT: Two layers of fibre braided
COVER: Oil and weather resistant synthetic rubber
APPLICATION: Petroleum-based hydraulic fluids under medium pressure
SURFACE: Wrapped surface , smooth surface
TEMPERATURE RANGE: -40°C to 100°C



Metric Size	Inch Size	SAE Dash size	I.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
5.0	3/16"	03	4.4	5.2	12.0	13.6	16.0	2320	64.0	40	0.12
6.3	1/4"	04	5.9	6.9	13.6	15.2	14.5	2103	58.0	45	0.13
8.0	5/16"	05	7.4	8.4	16.1	17.7	13.0	1885	52.0	55	0.16
10.0	3/8"	06	9.0	10.0	17.7	19.3	11.0	1595	44.0	70	0.18
12.5	1/2"	08	12.1	13.3	20.7	22.7	9.3	1349	37.2	85	0.23
16.0	5/8"	10	15.3	16.5	24.9	26.9	8.0	1160	32.0	105	0.30
19.0	3/4"	12	18.2	19.8	28.0	30.0	7.0	1015	28.0	130	0.54
25.0	1"	16	24.6	26.2	34.4	37.4	5.5	798	22.0	150	0.72
32.0	1-1/4"	20	30.8	32.8	40.8	43.8	4.5	653	18.0	190	0.88
38.0	1-1/2"	24	37.1	39.1	47.6	51.6	4.0	580	16.0	240	1.07
51.0	2"	32	49.8	51.8	60.3	64.3	3.3	479	13.2	300	1.36

★ All other technical specifications are customizable per customer requirements

EN856 4SP

FOUR LAYERS STEEL WIRE SPIRAL HIGH PREESSURE HYDRAULIC HOSE

INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: 4 layers of steel wire spiral.

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

SURFACE: Wrapped surface

TEMPERATURE RANGE: -40°C to 100°C



ORIENTFLEX

Metric Size	Inch Size	SAE Dash size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
6.3	1/4"	4	6.2	7.0	14.3	15.5	16.6	18.6	45.0	6525	180.0	150	0.60
10.0	3/8"	6	9.5	10.5	16.9	18.1	19.1	21.1	44.5	6453	178.0	180	0.78
12.5	1/2"	8	12.5	13.5	19.8	21.0	21.8	23.8	41.5	6018	166.0	230	0.89
16.0	5/8"	10	15.5	16.7	23.0	24.6	25.4	27.4	35.0	5075	140.0	250	1.11
19.0	3/4"	12	18.6	19.8	27.4	29.0	30.0	32.0	35.0	5075	140.0	300	1.59
25.0	1"	16	25.0	26.4	34.5	36.1	37.0	39.0	32.0	4640	128.0	340	2.02
32.0	1.1/4"	20	31.4	33.0	45.0	46.4	47.4	49.8	21.0	3045	84.0	460	3.32
38.0	1.1/2"	24	37.7	39.3	50.9	52.3	53.8	56.2	18.5	2683	74.0	560	3.70
51.0	2"	32	50.4	52.0	64.3	66.3	66.9	69.3	16.5	2393	66.0	660	5.47

EN856 4SH

FOUR LAYERS STEEL WIRE SPIRAL EXTRA HIGH PREESSURE HYDRAULIC HOSE

INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: Four layers of spiral steel wire

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

SURFACE: Wrapped surface

TEMPERATURE RANGE: -40°C to 100°C



ORIENTFLEX

Metric Size	Inch Size	SAE Dash size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
19.0	3/4"	12	18.6	19.8	27.6	29.2	30.0	32.0	42.0	6090	168.0	280	1.55
25.0	1"	16	25.0	26.4	34.4	36.0	37.0	39.0	38.0	5510	152.0	340	2.00
32.0	1.1/4"	20	31.4	33.0	40.9	42.9	43.8	46.2	32.5	4713	130.0	460	2.46
38.0	1.1/2"	24	37.7	39.3	48.1	50.1	51.3	53.7	29.0	4205	116.0	560	3.36
51.0	2"	32	50.4	52.0	62.2	64.2	65.3	67.7	25.0	3625	100.0	700	4.98

★ All other technical specifications are customizable per customer requirements

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EN857 1SC

COMPACT, ONE LAYER STEEL WIRE REINFORCED HYDRAULIC HOSE

INNER TUBE: Oil resistant synthetic nitrile rubber

REINFORCEMENT: One layer of high-tensile steel wire braided

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

SURFACE: Wrapped surface, smooth surface

TEMPERATURE RANGE: -40°C to 100°C



ORIENTFLEX

Metric Size	Inch Size	SAE Dash size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
6.3	1/4"	4	6.1	6.9	9.9	10.9	11.8	13.2	22.5	3263	90.0	75	0.18
8.0	5/16"	5	7.7	8.5	11.2	12.2	13.1	14.5	21.5	3118	86.0	85	0.20
10.0	3/8"	6	9.3	10.1	13.3	14.3	15.1	16.5	18.0	2610	72.0	90	0.27
12.5	1/2"	8	12.3	13.5	16.4	17.6	18.9	20.3	16.0	2320	64.0	130	0.35
16.0	5/8"	10	15.5	16.7	19.8	21.0	21.9	23.3	13.0	1885	52.0	150	0.42
19.0	3/4"	12	18.6	19.8	23.1	24.5	25.6	27.2	10.5	1523	42.0	180	0.54
25.0	1"	16	25.0	26.4	30.5	31.9	33.2	34.8	8.8	1276	35.2	230	0.78

EN 857 2SC

COMPACT,TWO LAYERS STEEL WIRE REINFORCED, HYDRAULIC HOSE

INNER TUBE: Oil resistant synthetic nitrile-butadiene rubber

REINFORCEMENT: Two layers of high-tensile steel wire braided

COVER: Oil and weather resistant synthetic rubber

APPLICATION: Petroleum base and water base hydraulic fluids

SURFACE: Wrapped surface , smooth surface

TEMPERATURE RANGE: -40°C to 100°C



ORIENTFLEX

Metric Size	Inch Size	SAE Dash size	I.D (mm)		REINFORCEMENT W.D (mm)		O.D (mm)		W.P.		B.P.	R	KG
mm	Inches	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
6.3	1/4"	4	6.1	6.9	11.2	12.2	12.9	14.3	40.0	5800	160.0	75	0.28
8.0	5/16"	5	7.7	8.5	12.8	13.8	14.5	15.9	35.0	5075	140.0	85	0.32
10.0	3/8"	6	9.3	10.1	14.9	15.9	16.8	18.2	33.0	4785	132.0	90	0.43
12.5	1/2"	8	12.3	13.5	18.0	19.2	20.0	21.6	27.5	3988	110.0	130	0.52
16.0	5/8"	10	15.5	16.7	21.4	22.6	23.2	24.8	25.0	3625	100.0	170	0.66
19.0	3/4"	12	18.6	19.8	25.0	26.4	27.4	29.0	21.5	3118	86.0	200	0.83
25.0	1"	16	25.0	26.4	32.4	33.8	34.5	36.1	16.5	2393	66.0	250	1.17

★ All other technical specifications are customizable per customer requirements

MICRO-PRESSURE TEST HOSE

Construction:
Tube: PA
Cover: PA or PU

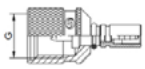
Temperature: -40°C to 120°C

Reinforcement:
Polyester Fiber or Kevlar(aramid)fibre.

Application: The nominal diameter of miniature high-pressure hose series HF are 2mm and 3mm. With a maximum working pressure 63Mpa, the miniature high-pressure hose is used in hydraulic systems for testing pressure and conducting the fluid medium. The miniature high-pressure hose assembly series HF is used in conjunction with the couplings.



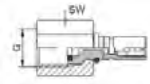
I.D.	O.D.	W.P.	B.P.	Min bending radius	Length
mm	mm	MPa	MPa	mm	m
2	5	40	120	20	100
2	5	63	189	20	100
3	6	63	189	25	100
4	8	50	150	35	100



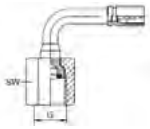
4	M16×2	2	2-970-04-02-001-CF	Connector for test coupling metal cap type B(round) incl. ferrule*
10	M16×1.5	2	2-970-10-02-001	
12	S12×1.5	2	2-970-12-02-001-CF	



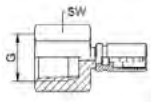
50	M16×2	2	2-970-50-02-001-CF	Connector for test coupling metal cap type B(round) 90° elbow incl. ferrule*
61	M16×1.5	2	2-970-51-02-001	
57	S12×1.5	2	2-970-57-02-001-CF	



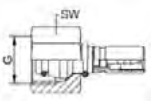
2	G 1/4	17	2	2-970-02-02-004-CF	pressure gauge connector with whitworth-thread sealing to pressure gauge by o-ring incl.ferrule
25	G 1/2	27	2	2-970-25-02-001-CF	



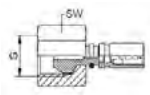
58	G 1/4	17	2	2-970-58-02-001-CF	pressure gauge connector with whitworth-thread sealing to pressure gauge by o-ring 90° elbow incl. ferrule
54	G 1/2	27	2	2-970-54-02-001-CF	



26	1/4 NPT	17	2	2-970-26-00-001-CF	pressure gauge connector with NPT-thread incl. ferrule
27	1/2 NPT	27	2	2-970-27-00-001-CF	



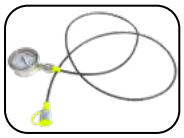
19	M12×1.5	6L	2	2-970-19-02-001-CF	seal cone with o-ring and swivel nut for 24°cone fitting(DKO) incl.ferrule
20	M14×1.5	6S	2	2-970-20-02-001-CF	
21	M14×1.5	8L	2	2-970-21-02-001-CF	
22	M16×1.5	8S	2	2-970-22-02-001-CF	
23	M16×1.5	10L	2	2-970-23-02-001-CF	
24	M18×1.5	10S	2	2-970-24-02-001-CF	



60	G 1/8	14	2	2-970-60-02-001-CF	connector with 24° cone(DKR) acc. BS5200 incl. ferrule
40	G 1/4	17	2	2-970-40-02-001-CF	

The hoses are all the same, one end is connected to the fittings in the box, and the other end is connected to the pressure gauge in the box
There are three kinds of pressure gauges, 16, 40, 60MPA,
There are 8 types of pressure test fittings, they are G1/4, M14*1.5, M10*1, M10*12.5, 7/16, 9/16, 3/8, 1/8
Connector material: carbon steel galvanized, 1 quick connect is also carbon steel
Pressure test hose size: 2*5mm 3 assembly pipelines





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STAINLESS STEEL METAL HOSE

Construction:

Made of stainless steel corrugated hose, braided with one or multiple layers of steel wire or steel band mesh. Equipped with joints or flanges on both ends. Manufactured in compliance with Executive Standard GB/T14525-2010.

Application:

Installed in liquid transportation systems to compensate for mutual displacement between connecting ends, pipes, or machinery and equipment. Also used to absorb vibration energy and reduce noise. Widely applied in aviation, aerospace, petroleum, chemical industry, metallurgy, electric power, paper making, lumber, textiles, construction, medicine, food, tobacco, telecommunications, and other industries.

Temperature:

Operates within a range of –196°C to 420°C, demonstrating both high-temperature and low-temperature resistance.

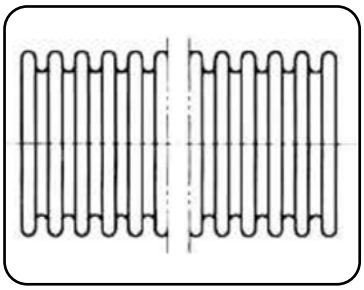


Characteristic:

Flexible, lightweight, corrosion-resistant, fatigue-resistant, and vibration-absorbing. Provides effective noise reduction and damping. Compact in size, with good flexibility and strong resistance to extreme temperatures.

Corrugated metal hose ripple

Annular corrugated metal hoses typically feature parallel annular corrugations, with inner diameters ranging from 6 millimeters to 400 millimeters. The hose body is flexible, making it well-suited for applications involving frequent movement; it offers excellent vibration damping and does not generate torque under high pressure.
For this type of corrugated hose, we can manufacture three types of corrugation patterns—European standard, close-pitch, and wide-pitch—and offer 15 different tube materials, including 304, 316, and 321, with a temperature resistance range from -200°C to 1,200°C



Annular Wave Hose Performance Parameters Table

DN		ID	BR	M/roll	W.P
inch	mm	mm	mm		Mpa
1/4	6	6.1±0.2	50	50	≤6
5/16	8	8.1±0.2	65	50	≤6
3/8	10	10.1±0.2	80	50	≤6
1/2	12	12.2±0.2	95	50	≤6
5/8	16	16.3±0.25	120	50	≤6
3/4	20	20.3±0.3	160	50	≤6
1	25	25.5±0.3	175	50	≤6
1-1/4	32	33.8±0.3	225	30	≤5
1-1/2	40	40.3±0.3	280	30	≤5
2	50	50.2±0.3	350	30	≤4
2-1/2	65	65.2±0.3	390	30	≤2.5
3	80	79±1	480	9	≤1.6
4	100	99±1	600	9	≤1.6
5	125	123.5±1.25	750	9	≤1.6
6	150	150±1.25	900	9	≤1.6
8	200	200±1.45	1000	9	≤1.0
10	250	250±1.45	1250	8	≤1.0

★ All other technical specifications are customizable per customer requirements

Material Name	Material Category	Core Performance	Applicable Scenarios
304	Austenitic stainless steel	Corrosion-resistant, good toughness, food-grade, flexible, resistant to intergranular corrosion	Food-grade applications and general corrosion-resistant applications
304L	Austenitic stainless steel	Corrosion-resistant, flexible, low-temperature resistant, and resistant to intergranular corrosion.	Low-temperature environments and corrosion-resistant flexible piping applications
316L	Austenitic stainless steel	Corrosion-resistant, resistant to high and low temperatures, and high-strength.	Marine, chemical, and aerospace sectors
254	Austenitic stainless steel	Corrosion-resistant, resistant to high and low temperatures, high strength, low specific gravity.	Marine, chemical, and aerospace sectors
321L	Austenitic stainless steel	Corrosion-resistant, high-temperature resistant, and high-strength.	Chemical and marine sectors
310S	Austenitic stainless steel	High-temperature resistance up to 1200°C, creep resistance, and corrosion resistance.	High-temperature operating conditions and applications requiring creep resistance
2205	Duplex stainless steel	Corrosion-resistant and high-strength	Chemical and marine sectors
825	Nickel-based alloy	Corrosion-resistant and high-temperature resistant	Marine, chemical, and aerospace sectors
C276	Hastelloy	Versatile: corrosion-resistant, temperature-resistant, oxidation-resistant, and high-strength.	Marine chemical industry and aerospace sectors
201	Austenitic stainless steel	Wear-resistant and high-strength	Scenarios requiring high wear resistance and high strength
Titanium Tubes/ Titanium Materials	Titanium alloy	Corrosion-resistant, resistant to high and low temperatures, high strength, low specific gravity.	Marine, chemical, and aerospace sectors
Duplex stainless steel	Duplex stainless steel	Corrosion-resistant and high-strength	Chemical and marine sectors
Nickel-based alloy	Nickel-based alloy	Corrosion-resistant and high-temperature resistant	Chemical, marine, and aerospace sectors
Hastelloy	Hastelloy	Corrosion-resistant, temperature-resistant, oxidation-resistant, and high-strength.	Chemical, marine, and aerospace sectors
Austenitic stainless steel	Austenitic stainless steel	Corrosion-resistant and high-temperature resistant	Chemical and marine sectors

Characteristics of Different Tube Types

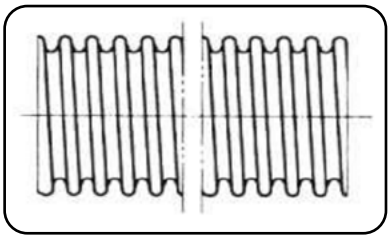
Tube type	Material Category
Standard European Standard	Standard European specifications; pressure-resistant and fatigue-resistant.
European Standard Encryption	Good flexibility, fatigue resistance
European standard widened version	Under immense pressure
European standard thin-walled	Good flexibility, fatigue resistance
European Standard Thickened	Under immense pressure
European standard encrypted thin-walled	Excellent flexibility and fatigue resistance; soft, with the highest level of fatigue resistance.
European Standard Ultra-Soft	Industry-leading fatigue resistance and flexibility.
European standard, widened, thin-walled	Low specific gravity
European standard, widened and thickened	Under immense pressure
Thin-walled spiral corrugated pipe	Low cost
Standard spiral corrugated pipe	Low cost

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Annular Wave Hose Performance Parameters Table

The spiral wave metal hose waveform is spiral upward like a screw, with strong stability, low self-vibration frequency of hose, high production efficiency, price advantage, length can be arbitrary length, use will produce torque.



DN		ID	BR	M/roll	W.P
inch	mm	mm	mm		Mpa
1/4	8	8±0.2	65	50	≤6
5/16	10	10±0.2	80	50	≤6
3/8	13	13±0.2	95	50	≤6
1/2	15	15±0.25	120	50	≤6
5/8	18	18±0.25	145	50	≤6
3/4	20	20±0.3	160	50	≤6
1	25	25±0.3	175	50	≤6
1-1/4	32	32±0.3	225	30	≤5
1-1/2	40	40±0.3	280	30	≤5
2	50	50±0.3	350	30	≤4

STAINLESS STEEL BRAIDED MESH SLEEVE

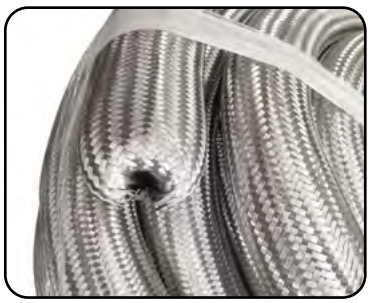
Construction:
Made primarily of stainless steel 304 or stainless steel 316(L). Manufactured as a braided mesh sleeve designed to cover and protect industrial components.

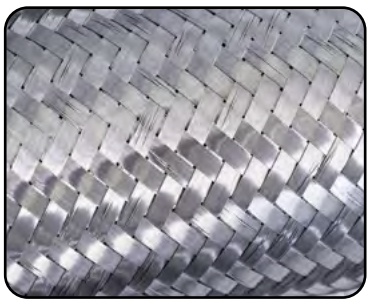


Application:
Commonly used for precision automatic instrument signal tubes, automatic instrument wire protection tubes, precision optical ruler circuits, industrial sensors, electronic installations, line protection tubes, electrical circuit safety protection, capillary protection of thermal instruments, and cable protection of precision mechanical instruments.

Characteristic:
Good softness, dustproof and rustproof, compression-resistant, tension-resistant, and wear-resistant. Also provides excellent electromagnetic shielding effect.

Temperature:
Operates within a temperature range of –50°C to 300°C







★ All other technical specifications are customizable per customer requirements

FLEXIBLE METAL HOSE SERIES

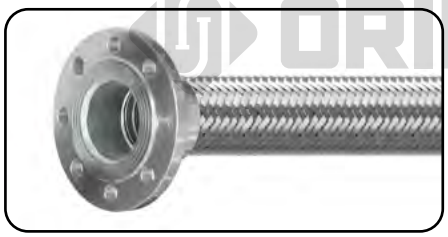
Male

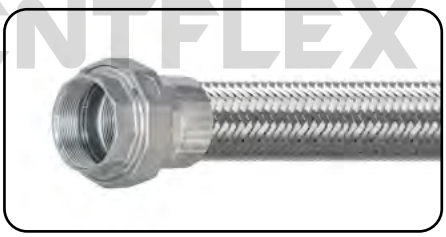




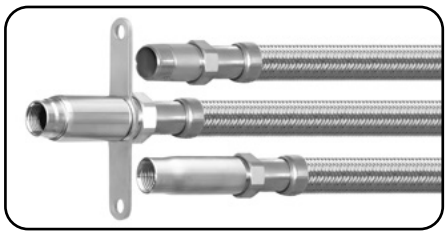
Swivel Female

Fiexed Flange



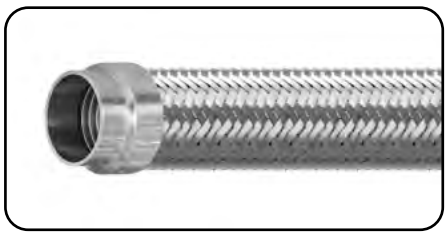


Union



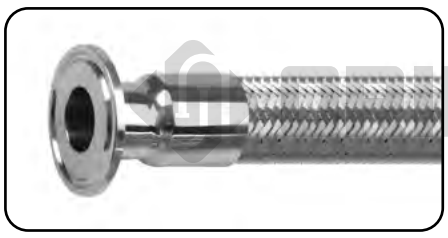


Swivel Flange





Quick Coupling











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PP SPIRAL GUARD

Construction:
Material: PP (Polypropylene)

Application:
The use of spiral hose guard is an economical and convenient method of protecting and extending the life of hydraulic and pneumatic hoses, cables, wires and rope from premature wear.Spiral hose guard will withstand the extremes of climate and operating conditions. Spiral Guard Wrap protects against abrasion, cuts, crushing, UV and various hazards Spiral Guard Wrap's open spiral design allows for simple installation in the field, without the need to disconnect lines.



Characteristic:

- Resistant to acids, oils and solvents
- Flexible
- UV resistance
- Excellent for use in temperature range from-50°C up to +80°C (continuous) / 100°C (short time)
- Protect hose increases usable life of hose Recyclable





Temperature: -50°C to +80°C

Heavy Duty

O.D	I.D	Thickness	Standard Length		Carton size	Applied for hose O.D
mm	mm	mm	m	ft	cm	mm
12	9	1.5	100	200	35*35*30	10-13
16	13	1.5	100	200	35*35*30	14-17
20	16	2	100	200	45*45*30	17-21
25	20.6	2.2	100	200	45*45*30	22-27
32	27	2.5	50	200	55*55*36	28-35
40	34.4	2.8	50	200	60*60*42	36-45
50	43.6	3.2	50	100	70*70*35	46-56
63	56	3.5	20	100	70*70*70	57-67
75	66	4.5	20	75	70*70*70	68-81
90	81	4.5	15	50	70*70*70	82-100
110	100	5	10	50	70*70*70	101-114
125	114	5.5	10	40	70*70*70	115-127
140	127	6.5	10	40	70*70*70	127-145

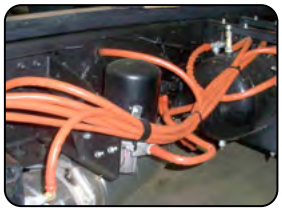
Standard Duty

O.D	I.D	Thickness	Standard Length		Carton size	Applied for hose O.D
mm	mm	mm	m	ft	cm	mm
12	9.6	1.2	61	200	35*35*30	10-13
16	13.6	1.2	61	200	35*35*30	14-17
20	17	1.5	61	200	45*45*30	17-21
25	21	2	61	200	45*45*30	22-27
32	28	2	61	200	55*55*36	28-35
40	35	2.5	61	200	60*60*42	36-45
50	44	3	30.5	100	70*70*35	46-56
63	57	3	30.5	100	70*70*70	57-67
75	68	3.5	22.5	75	70*70*70	68-81
90	82	4	15	50	70*70*70	82-100
110	101	4.5	15	50	70*70*70	101-114
125	116	4.5	12	40	70*70*70	115-127
140	130	5	12	40	70*70*70	127-145

★ All other technical specifications are customizable per customer requirements

SILICONE FIRE SLEEVE





Characteristic:

- This casing pipe is made with glass fiber and covered with thick iron oxide red silica gel.
- Fire resistant , flame retardant, heat insulation, insulation, anti-aging.
- Protect hoses and lines from molten metals, slag, welding splatter, electrical or grinding sparks and contamination.

Construction:

The oil line protection sleeve rust red silicone rubber coated fiberglass sleeving is braided with high purity thickened non-alkali fiberglass and then coated by silicone resin.

Temperature:

260°C (outside), 550°C (inner).

Application:

Main application to the steel smelting, non-ferrous metal smelting, power plant, shipyard etc the high temperature areas that need to be protective of cable, hose and pipes.

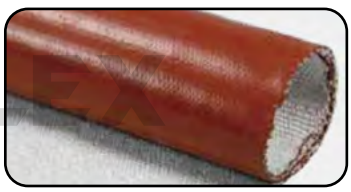
I.D (mm)	I.D (inch)	Wall thickness (mm)	Tolerance (mm)	Roll length (m)	Ctn size (cm)	No./ctn (m)	G.W (kg)
Φ6	1/4=PJ04	1.5	±0.15	50	47*47*10	100	7.2
Φ8	5/16=PJ05	1.5	±0.15	50	47*47*10	100	8.5
Φ10	3/8=PJ06	2	±0.20	25	47*47*10	100	11.5
Φ11	7/16=PJ07	2	±0.20	25	47*47*10	100	12
Φ13	1/2=PJ08	2	±0.20	25	47*47*10	100	12.5
Φ15	5/8=PJ10	2	±0.20	25	47*47*10	100	19
Φ19	3/4=PJ12	2	±0.20	25	47*47*10	100	28
Φ22	7/8=PJ14	2	±0.20	25	47*47*10	100	30
Φ25	1=PJ16	2	±0.30	25	47*47*10	100	32.5
Φ29	1 1/8=PJ18	2	±0.30	25	47*47*10	50	20.5
Φ32	1 1/4=PJ20	2	±0.30	25	47*47*10	50	22
Φ35	1 3/8=PJ22	3	±0.30	25	47*47*15	50	26.5
Φ38	1 1/2=PJ24	3	±0.30	25	47*47*15	50	28
Φ40	1 3/5=PJ24	3	±0.30	25	47*47*15	50	30.5
Φ41	1 5/8=PJ26	3	±0.30	25	47*47*15	50	31
Φ45	1 3/4=PJ28	3	±0.30	25	47*47*15	50	34.5
Φ48	1 7/8	3	±0.30	25	47*47*15	50	37
Φ51	2=PJ32	3	±0.35	25	52*52*20	50	39
Φ55	2 1/5	3.5	±0.35	25	52*52*20	50	41.5
Φ57	2 1/4=PJ36	3.5	±0.35	25	52*52*20	50	42
Φ60	2 3/8	3.5	±0.35	20	52*52*20	20	20
Φ64	2 1/2=PJ40	3.5	±0.35	20	52*52*20	20	21.5
Φ65	2 3/5	3.5	±0.35	20	52*52*20	20	23
Φ70	2 3/4=PJ44	3.5	±0.40	20	52*52*20	20	26
Φ76	3=PJ48	4	±0.40	20	52*52*20	20	28
Φ80	3 1/5	4	±0.40	20	52*52*20	20	29.5
Φ83	3 1/4=PJ52	4	±0.40	20	52*52*20	20	30
Φ85	3 3/8	4	±0.40	20	52*52*20	20	31
Φ89	3 1/2=PJ56	4	±0.50	20	52*52*20	20	32.2
Φ90	3 9/16	4	±0.50	20	52*52*20	20	34
Φ95	3 3/4=PJ60	4	±0.50	20	52*52*20	20	36
Φ102	4=PJ64	5	±0.50	10	52*52*20	10	18.5
Φ110	4 1/3	5	±0.50	10	54*54*20	10	20
Φ114	4 1/2=PJ72	5	±0.50	10	54*54*20	10	22
Φ120	4 4/5	5	±0.50	10	54*54*20	10	23
Φ127	5 =PJ80	5	±0.50	10	54*54*20	10	24
Φ150	6=PJ96	6	±0.50	10	54*54*20	10	34

Other Species

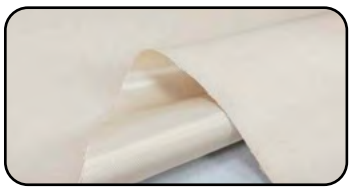












★ All other technical specifications are customizable per customer requirements

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NYLON FABRIC HOSE GUARD

Construction:
High tenacity multi-filament nylon

Application:
Nylon protective sleeve is mainly used for wear resistance and explosion proof mechanical equipment hydraulic hose, oil rubber hose, the trachea and other pipe fitting, especially suitable for working under the severe environment.

Characteristic:
● The tight woven construction can provide excellent abrasion resistance and high degree of burst resistance.
● Flame retardant, UV resistant, Anti chemicals and solvents, Light weight and Flexible.
●Protect hoses and lines from molten metals, slag, welding splatter, electrical or grinding sparks and contamination.

Temperature:
-40°C to +125°C



Flat Width	I.D	Thickness	Length	Flat Width	I.D	Thickness	Length
mm	mm	mm	m	mm	mm	mm	m
20	12	1	50m/Roll	70	44	1	50m/Roll
25	15	1		80	50	1	
30	17	1		90	56	1	
35	20	1		100	62	1	
40	23	1		115	72	1	
45	26	1		145	90	1	
50	31	1		176	110	1	
60	37	1					



Other Species







SPRING GUARD

Construction:
Material Carbon steel

Characteristic:
- Easy to install
- Excellent performance
- Shear strength
- Corrosion resistant
- High strength

Diameter,mm	Diameter,mm
Φ6	Φ19
Φ8	Φ25
Φ10	Φ32
Φ13	Φ38
Φ16	





★ All other technical specifications are customizable per customer requirements

PP CORRUGATED THREADING HOSE





Material:
PP polypropylene (Polypropylene)

Temperature: -30°C~+100°C for a short time up to +110°C

Construction:
Both inside and outside are wavy

Color: Black (Can be customized)

Scope of Supply: Flame Retardant, FV-O

Certification:
National Quality Supervision of Chemical Building Materials: GB/T14828.4-1993

Application field: Mainly used for automobile wiring, and can also be used formachine tool machinery, automatic instruments, motors, to protect cables and wires from external force wear and insulation. Insert the wire and cable into the hose ,and then match it with LKE: SM- The corresponding models of G and SM series hose connectors can be used.

Characteristic: Good flexibility, glossy surface, chemical corrosion resistance

Other specifications, sizes, colors and special requirements can be customized.

Specification	SIZE	R	L	Specification	SIZE	R	L
	ID*OD	Bending Radius	Length		ID*OD	Bending Radius	Length
(AD)	MM	MM	M	(AD)	MM	MM	M
AD7.0	4.5×7.0	10	200	AD28.5	23.0×28.5	50	100
AD10.0	6.5×10.0	16	100	AD32.0	25.0×32.0	50	100
AD11.6	8.0×11.6	16	100	AD34.5	29.0×34.5	60	50
AD13.0	10.0×13.0	20	100	AD42.5	36.0×42.5	70	25
AD15.8	12.0×15.8	30	100	AD54.5	48.0×54.5	90	25
AD18.5	14.3×18.5	40	100	AD74.0	56.3×67.2	130	10
AD20.0	16.0×20.0	45	100	AD88.0	66.5×80.0	170	10
AD21.2	17.0×21.2	45	100	AD108.0	91.0×106.0	225	10
AD25.0	20.0×25.0	45	100				

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RUBBER SHEET



INDUSTRIAL RUBBER SHEET
SBR/CR/NBR/EPDM RUBBER SHEET



FLUORINE RUBBER SHEET



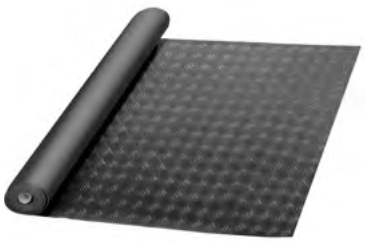
ANTI-STATIC RUBBER SHEET



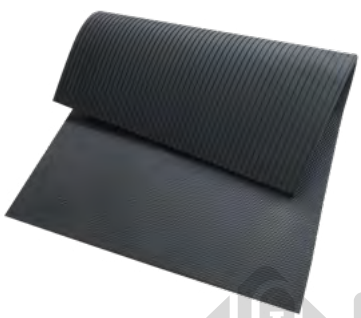
ROUND STUD RUBBER SHEET



DIAMOND ANTI-SLIP RUBBER SHEET



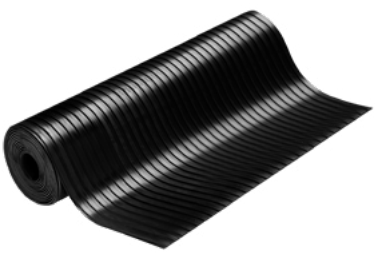
CHECKER MAT



ANIMAL RUBBER MAT



FINE RIBBED RUBBER SHEET



WIDE RIBBED RUBBER SHEET



ACID & ALKALI RUBBER SHEET



RUBBER FOAM SHEET



ANTI-FATIGUE FLOOR MAT

★ All other technical specifications are customizable per customer requirements

SILICONE RUBBER SHEET



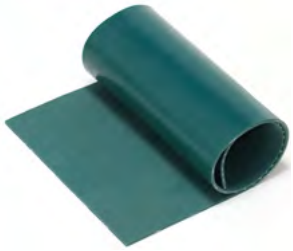
INDUSTRIAL GRADE SILICONE RUBBER SHEET



FOOD GRADE SILICONE RUBBER SHEET



SILICONE RUBBER SHEET FOR SOLAR LAMINATOR Maximum Width 3600mm



SILICONE RUBBER CUSHION FOR HOT PRESS

PVC STRIP CURTAINS

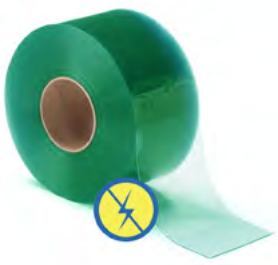
Super Transparent PVC Strip Curtain is generally accepted wind dust isolation system currently, transparent,soft, acid and alkali resistant,can adapt to the different temperature largely,was widely used in food and beverage,brewing medicine, textile, printing, electronic instruments, storage, shopping mall,hotel, catering, entertainment and other industries for heat preservation, adiabatic, dustproof, reduce noise, etc.



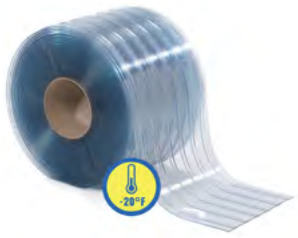
Super Transparent PVC Strip Curtains



Anti-insects PVC Strip Curtains



Anti-static PVC strip Curtains



Anti-cold PVC Strip Curtains

WIDE PVC SOFT BOARD

It is a kind of high-quality plastic rubber composite material, clear and transparent, with smooth surface and uniform color, free from cracks or bubbles.

With heat and low-temperature resistant -30°C resistant, strong acid and alkali resistance, pressure resistance, antistatic, shock resistance, good tensile resistance,anti-aging, pervious to light, long life and other characteristics.

Widely used in electronics, chemical medicine, food, clothing factory, working platform and can be used on workbench top, machine surface and desk top.



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CAMLOCK COUPLING & ADAPTERS

A Camlock Fitting, also called a cam and groove coupling, is used to connect two hoses or pipes together in a variety of industries, so that a commodity from one can be transferred to the other.

They're easy to use, requiring no tools to connect and disconnect the two halves of the couplings and they replace the traditional time-consuming methods of some other types of hose or pipe connections. This, together with their cost-effectiveness, makes them the most popular coupling in the world.

You can typically find camlocks in use in every industry, such as manufacturing, agriculture, oil, gas, chemical industry pharmaceutical industry and within military applications. They're an extremely versatile product, and because there are no threads when connecting the coupling halves together, there are no issues with them becoming damaged or dirty. This means camlock couplings are very suitable for dirty environments. The system is especially well suited to a situation where frequent changes of hoses are required, such as for petroleum, and industrial chemical trucks.

How Does a Camlock Work?

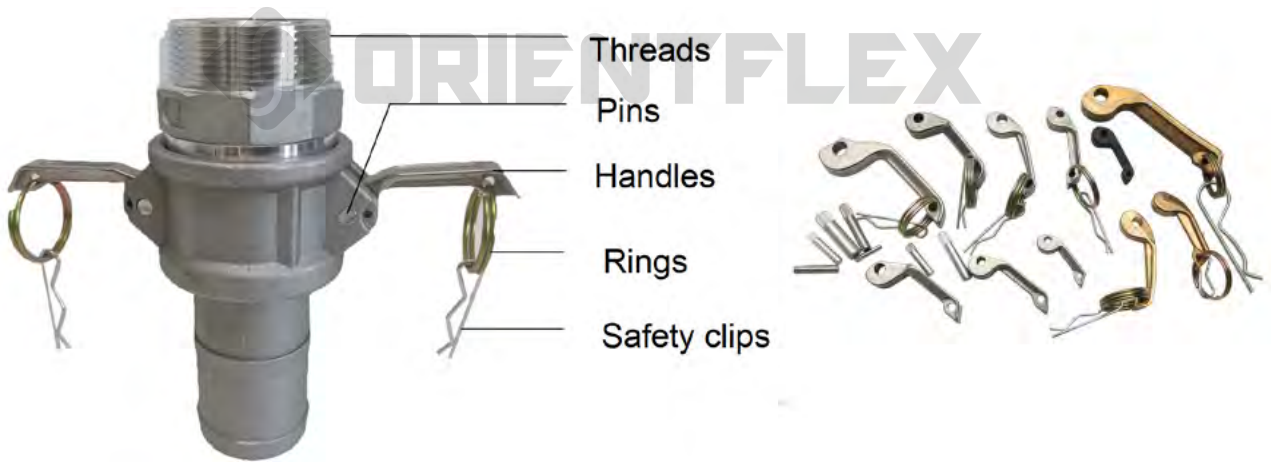
1. The assembly consists of a male groove adapter and female coupler. To connect and disconnect:
2. Extend the handles on the coupler outwards and place the correct size male adapter into the female coupler
3. Close both handles at the same time until the two halves are firmly fixed together
4. Closing both handles at the same time insures that the grooved adapter is pulled down consistently onto the seal making a leak proof assembly for the safe transfer of liquids
5. Reverse the process to disconnect the fitting making sure before doing so that the hose assembly has been depressurised.

How To Measure The Dimensions of Your Camlock Measuring a metallic camlock fitting is reasonably easy. For instance, if the hose tail, male or female thread is 2" then the camlock coupling would be known as a 2" camlock coupling.

Polypropylene is slightly different. There is no international standard and different manufacturers have different head sizes. In the ½" size, the body is actually ¾" but it's the thread (or hose tail) that is ½".

There are also some anomalies in the 1 ¼" sized systems.

With most cam couplings, measure the Outside Diameter (OD) of the adapter head or the Inside Diameter (ID) of the coupler. This will identify the fitting size, as depicted in the images bellow.



★ All other technical specifications are customizable per customer requirements

CAMLOCK COUPLING & ADAPTERS

MATERIAL: ALUMINUM, STAINLESS STEEL 201/304/316, BRASS, PP, NYLON



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE A: MALE ADAPTER × FEMALE



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE B: FEMALE COUPLER × MALE



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE C: FEMALE COUPLER × HOSE SHANK



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE D: FEMALE COUPLER × FEMALE



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE E: MALE ADAPTER × HOSE SHANK



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE F: MALE ADAPTER × MALE



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE DC: DUST CAP



Size	
1/2"	2-1/2"
3/4"	3"
1"	4"
1-1/4"	5"
1-1/2"	6"
2"	8"

TYPE DP: DUST PLUG

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SPECIAL CAMLOCK COUPLINGS



TYPE C: MULTI-BARB/ SMOOTH OUTSIDE

Size
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"
8"



TYPE E: AMULTI-BARB/ SMOOTH OUTSIDE

Size
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"
8"



TYPE DA: FEMALE COUPLER X MALE ADAPTER

Size
DA1510
DA1520
DA2015
DA2030
DA2040
DA2520
DA3015
DA3020
DA3025
DA3040
DA4020
DA4030
DA4060
DA6040



TYPE DCL: LOCKABLE DUST CAP (WITH L TYPE HANDLE)

Size
1"
1-1/2"
1-1/4"
2"
3"
4"



TYPE DD: FEMALE COUPLER X FEMALE COUPLER

Size
DD150
DD200
DD300
DD400
DD3040



TYPE AA: MALE ADAPTER × MALE ADAPTER

Size
AA100
AA125
AA150
AA1520
AA200
AA250
AA2025
AA2030
AA300
AA3040
AA400
AA4060
AA600



TYPE C: CAMLOCK TYPE C X SPIRAL TAIL FOR COMPOSTIE HOSE

Size
C2015
C3020
C3025
C3040
C4025
C4030



TYPE E: CAMLOCK TYPE E X SPIRAL TAIL FOR COMPOSTIE HOSE

Size
E3020
E3025
E4030
DD6040



AR

Size
AR1520
AR2015
AR2030
AR3020
AR3025
AR3040
AR4030
AR4060
AR6040



BR

Size
BR1510
BR2015
BR3020
BR3040
BR4030



CR

Size
CR2015
CR3020
CR3025
CR3040
CR4025
CR4030



DR

Size
DR1510
DR2015
DR3020
DR4030



ER

Size
ER3020
ER3025
ER4030



FR

Size
FR2015
FR2030
FR3015
FR3020
FR3025
FR3040
FR4025
FR4030



TYPE API: MALE COUPLER X MALE COUPLER

Size
6"-3"
6"-4"
6"-6"

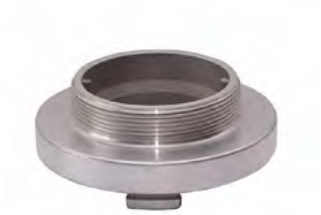
★ All other technical specifications are customizable per customer requirements

STORZ COUPLING



HOSE TAIL

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"



MALE

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"



FEMALE

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"



BLANK CAP WITH CHAIN

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"



REDUCER COUPLING

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"



HANDLE FOR STORZ COUPLING

Size
2''
3''
4''



SEGMENTED SELF-LOCK
STORZ COUPLING SINGLE CLAMP

Size
4"
5"
6"
8"
10"
12"
14"
16"



DOUBLE-CLAMP SEGMENTED
SELF-LOCK STORZ COUPLING

Size
4"
5"
6"
8"
10"
12"
14"
16"



SIDE BUCKLE HOSE COUPLING

Size
8"
10"
12"
14"
16"



SIDE BUCKLE HOSE COUPLING

Size
8"
10"
12"
14"
16"

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GROOVED HOSE COUPLING



HOSE END

Size
4"
5"
6"
8"
10"
12"
14"
16"



HOSE END

Size
4"
5"
6"
8"
10"
12"
14"
16"

ORIENTFLEX



HOSE END WITH FLANGE

Size
4"
5"
6"
8"
10"
12"
14"
16"



HOSE END

Size
4"
6"
8"
10"
12"

GUILLEMIN COUPLING



GUILLEMIN COUPLING HOSE TAIL WITH LATCH

Size	
DN40	DN80-76
DN40L	DN80-76L
DN45	DN80-80
DN50	DN80-90
DN50L	DN80-90L
DN50-55	DN100
DN65	DN100L
DN65-70	DN110



GUILLEMIN COUPLING REDUCER

Size	
DN50 X DN40	DN80 X DN65
DN65 X DN40	DN100 X DN40
DN65 X DN50	DN100 X DN50
DN80 X DN40	DN100 X DN65
DN80 X DN50	DN100 X DN80

ORIENTFLEX



FEMALE WITH LATCH

Size
DN40
DN50
DN65
DN80
DN100



MALE WITH LATCH

Size
DN40
DN50
DN65
DN80
DN100



FEMALE WITHOUT LATCH

Size
DN40
DN50
DN65
DN80
DN100



MALE WITHOUT LATCH

Size
DN40
DN50
DN65
DN80
DN100



CAP+LATCH+CHAIN

Size
DN40
DN50
DN65
DN80
DN100



HELICO MALE

Size
DN50
DN65
DN80
DN100

★ All other technical specifications are customizable per customer requirements

BS336 INSTANTANEOUS COUPLING



BS336 SERRATED TAIL HOSE END

Size
1-1/2"
1-3/4"
2"
2-1/2"



BS336 RIBBED TAIL HOSE END

Size
1-1/2"
1-3/4"
2"
2-1/2"



FEMALE ADAPTER & FEMALE THREAD

Size
2"
2-1/2"



FEMALE ADAPTER & FEMALE THREAD

Size
2"
2-1/2"



MALE ADAPTER & MALE THREAD

Size
2"
2-1/2"



FEMALE ADAPTER & MALE THREAD

Size
2"
2-1/2"



CAP

Size
2"
2-1/2"



PLUG

Size
2"
2-1/2"



STANDARD PIN LUG COUPLING

Size
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
3"

FIRE HOSE COUPLINGS



NH/NST FIRE HOSE COUPLINGS

Size
1-1/2"
2-1/2"



PIN LUG FIRE HOSE COUPLING

Size
1-1/2"
2-1/2"



PIN LUG COUPLING

Size
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"



BAUER COUPLING

Size
2"
3"
4"
6"
8"
10"
12"



JAPANESE HOSE COUPLING

Size
1-1/2"
2"
2-1/2"
3"
4"



GOST COUPLING

Size
DN 50
DN 65
DN 80
DN 100
DN 125

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FIRE HOSE COUPLINGS



FIRE HOSE REEL

Size	
DN19-30M	Swing Manual
DN25-30M	Swing Manual
DN19-30M	Swing Automatic
DN25-30M	Swing Automatic



FIRE HOSE REEL

Size	
DN19-30M	Swing Manual
DN25-30M	Swing Manual



STORE AND PROTECT HOSE REELS

Size
250×200×550mm
280×220×580mm
380×200×680mm
450×260×800mm



STORE AND PROTECT HOSE REELS

Size
380×130×500mm
550×160×700mm



ADJUST FLOW FIRE NOZZLES

Size
1.5"
2"
2.5"



ADJUST FLOW FIRE NOZZLES

Size
1.5"
2"
2.5"



ADJUST FLOW FIRE NOZZLES

Size
1.5"
2"
2.5"



ADJUST FLOW FIRE NOZZLES

Size
1.5"
2"
2.5"



ADJUST FLOW FIRE NOZZLES

Size
1.5"
2"
2.5"



ADJUST FLOW FIRE NOZZLES

Size
1.5"
2"
2.5"



DRY-BREAK Couplings

Size	
1"	Minimal residual loss and virtually zero spillage means operator safety is assured. Less leakage also means more product can be delivered to customers, translating to higher profit margins for the handler. Materials:Stainless Steel/Aluminium/Brass
2"	
3"	
4"	
6"	
8"	

★ All other technical specifications are customizable per customer requirements

FOOT VALVE/STRAINER



STEEL GALVANISED FOOT VALVE WITH FLANGE

Size
4"
6"
8"
10"
12"



STEEL GALVANISED FOOT VALVE

Size
4"
6"
8"
10"
12"



FOOT VALVE

Size
1-1/2"
2"
2-1/2"
3"
4"
6"
8"



ONE-WAY BOTTOM VALVE

Size
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"



BRASS FOOT CHECK VALVE WITH FILTER PLASTIC CORE

Size
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"



HEAVY DUTY BRASS FOOT VALVE WATER PUMP BOTTOM VALVE

Size
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"



PVC LOW PRESSURE FLAT VALVE

Size
1"
1-1/2"
2"
2-1/2"
3"
4"



PLASTIC ROUND HOLE SUCTION HOSE STRAINER

Size
1"
1-1/2"
2"
2-1/2"
3"
4"

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FOOT VALVE/STRAINER



STRAINER

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
6"
8"



TRASH PUMP SUCTION STRAINER

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
6"
8"



Size
1"
1-1/2"
2"
2-1/2"
3"
4"
6"
8"



STEEL LONG SLOTTED STRAINER

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
6"
8"
4"

KC NIPPLE/HOSE MENDER/FERRULE



HOSE MENDERS

Size	
1/2"	3"
3/4"	4"
1"	5"
1-1/4"	6"
1-1/2"	8"
2"	10"
2-1/2"	12"



KING COMBINATION NIPPLE

Size	
1/2"	3"
3/4"	4"
1"	5"
1-1/4"	6"
1-1/2"	8"
2"	10"
2-1/2"	12"



CRIMPING COMBINATION NIPPLE

Size
2”
3"
4"
5"
6"
8"



FERRULE

Size
2”
3"
4"
5"
6"
8"

★ All other technical specifications are customizable per customer requirements

BS336 INSTANTANEOUS COUPLING



CHUCK TC QUICK CARD CONNECTOR

Size
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"



CHUCK TC QUICK CARD CLAMP

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"



DIN MALE CONNECTOR

Size
25
32
40
50
65
80
100



DIN FEMALE CONNECTOR

Size
25
32
40
50
65
80
100



SMS MALE CONNECTOR

Size
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"



DIN FEMALE CONNECTOR

Size
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"
6"



90°TRI-CLAMP FERRULE ELBOW

Size
1"
1-1/2"
2"
2-1/2"
3"
4"



TEE TRI-CLAMP FERRULE TEE

Size
1"
1-1/2"
2"
2-1/2"
3"
4"



TRI-CLAMP FERRULE Y-PIECE

Size
1"
1-1/2"
2"
2-1/2"
3"
4"

ORIENTFLEX



FLUORINE-LINED CLAMP CONCENTRIC REDUCER

Size	
1.5"-1"	3"-2"
2"-1"	3"-2.5"
2"-1.5"	4"-1.5"
2.5"-1"	4"-2"
2.5"-2"	4"-2.5"
3"-1"	4"-3"
3"-1.5"	



LOOSE TUBE FLANGE

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"



FIXED FLANGE

Size
1"
1-1/2"
2"
2-1/2"
3"
4"
5"
6"

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VALVE



Size	
1/4"	1.2"
3/8"	1.5"
1/2"	2"
3/4"	2.5"
1"	3"

2 PC FULL BORE BALL VALVE



Size	
1"	3"
1-1/2"	4"
2"	5"
2-1/2"	6"

3 PC BALL VALVES



Size
1/8"
1/4"
3/8"
1/2"
3/4"
1"

MINI BALL VALVE



Size	
1/4"	1"
3/8"	1-1/4"
1/2"	1-1/2"
3/4"	2"

1 PC BALL VALVE INTERNAL THREAD



Size	
1/4"	1-1/4"
3/8"	1-1/2"
1/2"	2"
3/4"	3"
1"	4"

BRASS BALL VALVE



Size
1-1/4"
1-1/2"
2-1/2"

FLANGE DIRECT MOUNT BALL VALVE

SANDBLAST COUPLINGS

MATERIAL: CARBON STEEL, ALUMINUM ALLOY, NYLON



Size
3/4"
1"
1-1/4"
1-1/2"

TWO LUG HOSE COUPLING



Size
3/4"
1"
1-1/4"
1-1/2"

NOZZLE HOLDER



Size
3/4"
1"
1-1/4"
1-1/2"

LUG FEMALE THREADED COUPLING

GROUND JOINT COUPLING



Size	
1/2"	2"
3/4"	2-1/2"
1"	3"
1-1/4"	4"
1-1/2"	

HOSE STEM WITH WINGNUT & MALEPIPESTEMONLY INTERLOCK CLAMP FEMALE SPUD



Size	
1/2"	2"
3/4"	2-1/2"
1"	3"
1-1/4"	4"
1-1/2"	

MALE PIPE STEM ONLY



Size	
1/2"	1-1/2"
3/4"	2"
1"	3"
1-1/4"	4"

INTERLOCK CLAMP

★ All other technical specifications are customizable per customer requirements

FLANGES

WHIP CHECK HOSE SAFETY CABLE
（HOSE TO HOSE ）



hose id range (in)	hose od range(in)
1/2-1 1/4"	1/2-1 1/2"
1 1/2-3"	2-3"

ALUMINUM FLANGE SAFETY HOSE PIPE CLAMP



Product Name	Aluminum Flange Safety Hose Pipe Clamp	
Model	OD	Size
DN50	72	2''
DN75	98	3''
DN100	125	4''
DN125	152	5''
DN150	177	6''
DN200	230	8''
DN250	282	10''
DN300	336	12''
DN350	386	14''
DN400	436	16''

WHIP CHECK HOSE SAFETY CABLE
(HOSE TO TOOL)



hose id range (in)	hose od range(in)
1/2-1 1/4"	1/2-1 1/2"
1 1/2-3"	2-3"

DIN2817 SAFETY HOSE CLAMP



Size	
1/2"	2"
3/4"	2-1/2"
1"	3"
1-1/4"	4"
1-1/2"	

ANSI, BS,DIN, JIS and ISO flanges



SLIP ON



WELDING NECK FLANGE



SOCKET-WELD FLANGES



THREAD FLANGE



PLATE FLANGE



BLIND FLANGE

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AIR HOSE COUPLING

EUROPEAN TYPE



HOSE END WITHOUT COLLAR

Size
3/8"
1/2"
3/4"
1"



HOSE END WITH COLLAR

Size
Size
3/8"
1/2"
3/4"
1"

ORIENTFLEX



MALE END

Size
3/8"
1/2"
3/4"
1"



FEMALE END

Size
3/8"
1/2"
3/4"
1"

AMERICAN TYPE



HOSE END

Size
3/8"
1/2"
3/4"
1"



FEMALE END

Size
3/8"
1/2"
3/4"
1"



MALE END

Size
3/8"
1/2"
3/4"
1"

ORIENTFLEX



FOUR LUG

Size
1-1/4"
1-1/2"
2"



PLUG

Size
3/8"
1/2"
3/4"
1"



3 WAY

Size
3/8"
1/2"
3/4"
1"

★ All other technical specifications are customizable per customer requirements

GEKA COUPLING

GEKA COUPLING



BRASS GEKA TYPE HOSE END



BRASS GEKA TYPE MALE THREAD



BRASS GEKA TYPE FEMALE THREAD



DOUBLE BOLT CLAMP

NO	Size/mm	NO	Size/mm
SL-22	20-22	SL-550	114-128
SL-29	22-29	SL-600	130-144
SL-34	28-34	SL-675	151-165
SL-40	32-40	SL-769	165-192
SL-49	39-49	SL-818	192-208
SL-60	48-60	SL-875	208-225
SL-76	60-76	SL-988	225-239
SL-94	76-94	SL-1125	252-289
SL-115	94-115	SL-1275	300-330
SL-400	88-96	SL-1450	335-381
SL-463	96-103	SL-1700	384-451
SL-525	103-125		



DOUBLE BOLT CLAMPS WITH COLLAR

CARBON STEEL/MALLEABLE CAST IRON

SK22
SK29
SK34
SK40





FERRULES

SIZE
1.5"
2"
2.5"
3"
4"
6"

UNIVERSAL COUPLINGS—AUSTRALIA TYPE A



SIZE
3/8“
1/2"
3/4"
1"
1-1/4"



SIZE
3/8"
1/2"
3/4"
1"
1-1/4"

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UNIVERSAL COUPLINGS—AUSTRALIA TYPE A



FEMALE ENDS

SIZE
3/8"
1/2"
3/4"
1"
1-1/4"



PIN

SIZE
3/8“
1/2"
3/4"
1"
1-1/4"



BLANK END

SIZE
3/8“
1/2"
3/4"
1"
1-1/4"



GASKET

SIZE
3/8“
1/2"
3/4"
1"
1-1/4"

UNIVERSAL COUPLINGS—AUSTRALIA TYPE S



HOSE ENDS

SIZE
3/8“
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
3"



MALE ENDS

SIZE
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
3"



FEMALE ENDS

SIZE
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
3"



3-WAY

SIZE
3/8“
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
3"



BLANK END

SIZE
3/8“
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
3"



GASKET

SIZE
3/8“
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"
3"

★ All other technical specifications are customizable per customer requirements

THREADED PIPE FITTING



HEX NIPPLES

SIZE	
1/4"	1-1/4"
3/8"	1-1/2"
1/2"	2"
3/4"	2-1/2"
1"	



PIPE NIPPLES SCHEDULE

SIZE	
1/2"*2"	3/8"*4"
1/2"*3"	3/8"*5"
1/2"*4"	3/8"*6"
1/2"*5"	3/4"*2"
1/4"*2"	3/4"*3"
1/4"*3"	3/4"*4"
1/4"*4"	3/4"*5"
1/4"*5"	1"*2"
1/4"*6"	1"*3"
3/8"*2"	1"*4"
3/8"*3"	1"*5"

ORIENTFLEX



FEMALE REDUCING COUPLINGS

SIZE	
3/8"*1/4	1-1/2"/1/2"
1/2"*3/8"	1-1/2"/3/4"
1/2"*1/4"	1-1/2"*1"
3/4"*1/2"	1-1/2"/1-1/4"
1"*3/4"	2"*1-1/2"
1"*1/2"	2-1/2"*1-1/2"
1-1/4"*1/2"	2-1/2"*1"
1-1/4"*1"	



HEX BUSHINGS

SIZE	
3/8"*1/4	1-1/2"*1/2"
1/2"*3/8"	1-1/2"*3/4"
1/2"*1/4"	1-1/2"*1"
3/4"*1/2"	1-1/2"*1-1/4"
1"*3/4"	2"*1-1/2"
1"*1/2"	2-1/2"*1-1/2"
1-1/4"*1/2"	2-1/2"*1"
1-1/4"*1"	



FEMALE CROSSES

SIZE
1/4"
3/8"
1/2"
3/4"
1"



REDUCING HEX NIPPLES

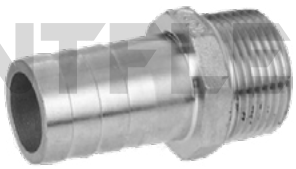
SIZE
1/2"*1/4"
1/2"*3/8"
3/4"*1/2"
3/4"*3/8"
1"*3/4"



90 DEGREE ELBOWS

SIZE	
1/4"	1-1/4"
3/8"	1-1/2"
1/2"	2"
3/4"	2-1/2"
1"	3"

ORIENTFLEX



KING HOSE NIPPLES

SIZE	
1/4"	1-1/4"
3/8"	1-1/2"
1/2"	2"
3/4"	2-1/2"
1"	3"



FEMALE TEES

SIZE
1/4"
3/8"
1/2"
3/4"
1"



BANDED COUPLING

SIZE
1/2"
3/4"
1"
1-1/4"
1-1/2"

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HOSE CLAMP

EUROPEAN TYPE HOSE CLAMP

Size(mm)	W1	W2/W4 /W5	Size,mm	W1	W2/W4
	Thickness* Bandwidth			thickness* band width	
17-19	0.6*1.8	0.6*1.8	86-91	1.5*24	0.8*24
20-22			92-97		
23-25			98-103		
26-28			104-112		
29-31	0.8*20	0.6*20	113-121		
32-35			122-130		
36-39			131-139	1.7*26	1.0*26
40-43			140-148		
44-47	1.2*22	0.8*22	149-161		
48-51			162-174		
52-55			175-187		
56-59			188-200		
60-63			201-213		
64-67			214-226		
68-73	1.5*24	0.8*24	227-239		
74-79			240-252		
80-85					





W1 Series (all the parts are carbon steel)
W2 Series (the band is SS201/SS304 ,the others are carbon steel)
W4 Series (all the parts are SS201 or SS304)
W5 Series (all of parts are SS316)

AMERICAN TYPE HOSE CLAMP

Size(mm)	W1	W2/W4	Size(mm)	W1	W2/W4
	Thickness* Bandwidth			Thickness* Bandwidth	
8-12	8*0.6	8*0.6	33-57	12.7*0.7	12.7*0.6
10-16			40-63		
13-19			46-70		
16-25			52-78		
10-16	12.7*0.7	12.7*0.6	59-82		
13-19			65-89		
16-25			72-95		
19-29			78-101		
22-32			84-108		
25-38			91-114		
32-44			105-127		
27-51			118-140		
38-57			130-152		
44-64			143-165		
46-70			155-178		



W1 Series (all the parts are carbon steel
W2 Series (the band and bridge is SS201/SS304 ,the others are carbon steel)
W4 Series (all the parts are SS201 or SS304)

ORIENTFLEX

★ All other technical specifications are customizable per customer requirements

HOSE CLAMP

GERMANY TYPE HOSE CLAMP /GERMANY TYPE WITH HANDLE

Size(mm)	W1	W2/W4	Size(mm)	W1	W2/W4
	Thickness* Bandwidth			Thickness* Bandwidth	
8-12	9/12*0.7	9/12*0.6	100-120	9/12*0.7	9/12*0.6
10-16			110-130		
12-20			120-140		
16-25			130-150		
20-32			140-160		
25-40			150-170		
32-50			160-180		
40-60			170-190		
50-70			180-200		
60-80			190-210		
70-90			200-220		
80-100			210-230		
90-110			230-250		





W1 Series (all the parts are carbon steel
W2 Series (the band and housing are SS201/SS304 ,the screw is carbon steel)
W4 Series (all the parts are SS201 or SS304)

HEAVY DUTY ALL STAINLESS AMERICAN HOSE CLAMP

Size(mm)	W2/W4	W4	Size(mm)	W4
	Thickness* Bandwidth			Thickness* Bandwidth
16-25	12.7/14.2*0.6		65-89	12.7/14.2*0.6
18-32			72-95	
21-38			78-101	
21-44			84-108	
27-51			91-114	
33-57			105-127	
40-63			117-140	
46-70			130-153	
52-76			142-165	
59-82			155-178	



W4 series (all the parts are AISI200 or 300)

T TYPE/ SPRING HOSE CLAMP

Size(mm)	W2/W4	Size(mm)	W2/W4
	Thickness* Bandwidth		Thickness* Bandwidth
35-40	19*0.6	83-91	19*0.6
38-43		86-94	
41-46		89-97	
44-51		92-100	
48-56		95-103	
51-59		102-110	
54-62		108-116	
57-65		114-122	
60-68		121-129	
63-71		127-135	
67-75		133-141	
70-78		140-148	
73-81		146-154	
76-84		152-160	
79-87		159-167	





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HOSE CLAMP

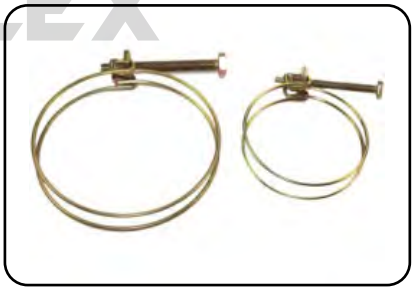
HEAVY DUTY AMERICAN TYPE HOSE CLAMP

Size(mm)	W2/W4 Thickness* Bandwidth	Size(mm)	W2/W4 Thickness* Bandwidth
25-45	15.8*0.8	95-117	15.8*0.8
32-54		108-130	
45-66		121-143	
57-79		133-156	
70-92		146-168	
83-105		159-181	



DOUBLE-WIRE HOSE CLAMP

Size (mm)	Screw	Size (mm)	Screw	Size (mm)	Screw	Size (mm)	Screw
13-16	M5*30	52-60	M6*50	26-32	M6*40	82-89	M6*70
16-19	M5*30	58-66	M6*60	32-38	M6*40	92-98	M6*70
19-23	M5*30	61-73	M6*70	38-42	M6*40	103-115	M6*70
23-26	M5*30	74-80	M6*70	42-48	M6*40	115-125	M6*70



OTHER CLAMP


SINGLE EAR HOSE CLAMP


DOUBLE EAR HOSE CLAMP


DOUBLE-BOLT CORRUGATED HOSE CLAMPS


MANGOTE PIPE CLAMP


RUBBER LINED P CLIP

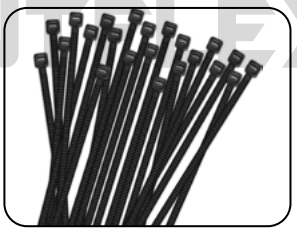

HOSE CLAMP SPRING STEEL


U-PART EXHAUST PIPE CLAMP


PLASTIC PIPE CLAMP


HOSE CLAMP ASSORTMENT KIT


PREFORMED CLAMP


NYLON CABLE TIES


CENTER PUNCH BAND CLAMPS


BLUE HOUSING BRITISH TYPE HOSE CLAMP


BRITISH TYPE HOSE CLAMP


V BAND CLAMP


PVC COATED HOSE CLAMP

★ All other technical specifications are customizable per customer requirements

HYDRAULIC HOSE FITTINGS

AMERICAN ADAPTERS



OTHER ADAPTERS



★ All other technical specifications are customizable per customer requirements

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HYDRAULIC HOSE FITTINGS

HYDRAULIC FITTINGS



















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HYDRAULIC HOSE FITTINGS

INTERLOCK HOSE FITTINGS



REUSABLE HOSE FITTINGS



SOCKETLESS HOSE FITTINGS



METRIC ADAPTERS



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HYDRAULIC HOSE FITTINGS

METRIC ADAPTERS


1C9/1D9


1CO9-OG/1DO9-OG


1CW9-RN


1CT9-SP/1DT9-SP


1E9


1EW9


1QT9-SP


2C/2D


2MC-WD/2MD-WD


2WE


2C9/2D9


2C9-RN


2Q9


3C/3D


4Q


4C/4D


4E


5CM/5DM


6C/6D


6Q


6C9/6D9


8C


9C/9D


AC/AD


BC/BD


AE


AQ


XC/XD


1C-Y/1D-Y

BRITISH ADAPTERS


1B


1JB-WD


1T-SP


1BN 1BT-SP


1BM 1BL
1BH 1BG


1ST-SP


1BO


1BW


1G


1BN9 1B9


1T9-SP

1JT9-SP

1BT9-SP

1ST9-SP

1BT4-SP

2BT9

2B9

2BJ-WD

2BC

2GC

2TB-SP/2NB

3B

3B9

4B-WD

4BN-WD

4B

4T-SP

4TN

4G

5B

5T-SP

5GB

5GT

5B9

5T9-SP

6B

7B
7T

7B9-PK
7T9-PK

8B

9B

AB

GT-PK

1JN-SS

★ All other technical specifications are customizable per customer requirements

HYDRAULIC HOSE FITTINGS

INTEGRATED FITTINGS


15611-RW


16711-RW


14211-RW


16011-RW


15611SW-RW


26711D-RW
22611D-RW


24211D-RW


26791K-RW


26791-RW


16711B-RW


15611BSW-RW


15611BKSW-RW


26711DB-RW
22611DB-RW


26741B-RW

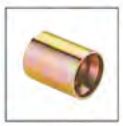

26791B-RW

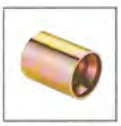

26791S-RW


87311-RW
87611-RW


87392-RW

FERRULE


00110


00110-A


00210


00200

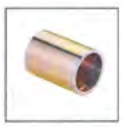

03310


00400


00401


01400


00018


00TF0


00621


00621-R15


00710


03310-SS









★ All other technical specifications are customizable per customer requirements

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HYDRAULIC QUICK COUPLING



Size
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

FLAT FACE TYPE HYDRAULIC QUICK COUPLING ISO16028



Size
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

OPEN CLOSE HYDRAULIC QUICK COUPLER ISO7241-A



Size
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

MEDIUM PRESSURE HIGH PERFORMANCE GAS-LIQUID QUICK COUPLING ISO7241-B KZD



Size
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

FLAT HYDRAULIC QUICK COUPLING ISO7241-B KZF



Size
1/4"
3/8"

THREAD LOCKING HYDRAULIC QUICK COUPLING KZE-B



Size
1/4"
3/8"

THREAD LOCKING HYDRAULIC QUICK COUPLING L3



Size
3/4"
1"
1-1/4"
1-1/2"

WING NUT HYDARULIC COUPLING L2



Size
1/8"
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

TWO WAY HIGH-PRESSURE BALL VALVE



Size
1/8"
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

THREE WAY HIGH-PRESSURE BALL VALVE



Size
1/4"
3/8"
1/2"
3/4"
1"

HYDRAULIC STRAIGHT THROUGH CHECK VALVE



Size
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

BALL VALVES TYPE HYDRAULIC QUICK COUPLING



Size
1/4"
3/8"
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

PLASTIC DUST CAPS AND PLUGS

ORIENTFLEX

★ All other technical specifications are customizable per customer requirements

HAMMER UNION



Fig100

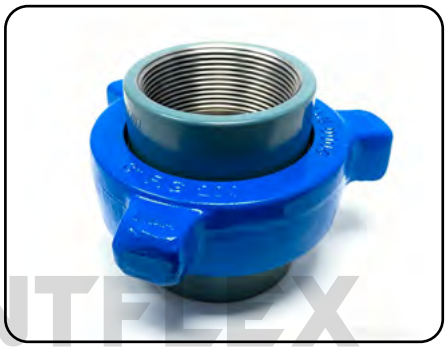


Fig200



Fig206



Fig400



Fig602



Fig1002



Fig1502



Hose Union

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HOSE CRIMPING MACHINE-R32ELD



Description

This machine is the basic upgrade type. It adopts cost-effective material and accessories.

The customized case control panel can be more stable and safe. Thus it can perfectly meet client's requirement to cost performance

Characteristic

- Simple intuitive operation
- Freely split rack
- Optional emergency stop/CNC





R32ELD SIZE CHART	
Crimping range	6-51 mm (6SH)
Quantity of mould	13 sets
System pressure	30Mpa
Power	4kw
Voltage	220v/240v/380v/415v (optional)
Work efficiency	200 pcs/h
Max open diameter	132 mm
Machine weight	310 kg
Package weight	320 kg
Machine dimension	850*615*1460 (mm)
Package size	710*640*780 / 660*380*780 (mm)

Included Accessories



Standard dies



Emergency stop



Quick change tool



Foot Pedal

★ All other technical specifications are customizable per customer requirements

HOSE CRIMPING MACHINE-S32ESB



Description

This is the mid-range machine upgraded from the original type. We make significant promotion on the hydraulic system and electrical system.

It has the advantages of small volume, light weight, compact structure, simple to operate, advanced oil line design.

Characteristic

- Triple operation modes
- Forged head precision
- Low noise high yield





S32ESB SIZE CHART	
Crimping range	1/4-2”(6SH)
Quantity of mould	12 sets
System pressure	35Mpa
Power	4kw
Voltage	220v/240v/380v/415v (optional
Noise value	<75dB
Max open diameter	145mm
Number of hydraulic oil	32,46,and 68 have been selected
Foot Switch	Yes
Machine dimension	720*530*730(mm)
Machine weight	256 kg

Included Accessories



Standard dies



Emergency stop



Quick change tool



Foot Pedal

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HOSE CRIMPING MACHINE-R32ELB



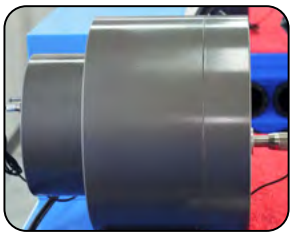
Description

This machine is the basic upgrade type. It adopts cost-effective material and accessories.

The customized case control panel can be more stable and safe. Thus it can perfectly meet client's requirement to cost performance

Characteristic

- Simple fast operation
- Integrated rack side storage
- Optional emergency stop/CNC





R32ELD SIZE CHART	
Crimping range	6-51mm(4SH)
Quantity of mould	10 sets
System pressure	31.5 Mpa
Power	3kw
Voltage	220v/240v/380v/415v(optional)
Work efficiency	200 pcs/h
Max open diameter	114 mm
Max open tolerance	30±mm
Machine weight	310kg
Package weight	326 kg
Machine dimension	860*640*1300 mm
Package size	900*685*1410 mm

Included Accessories



Standard dies



Portable lamp



Quick change tool



Foot Pedal

★ All other technical specifications are customizable per customer requirements

HOSE CRIMPING MACHINE



R32ESB SIZE CHART	
Crimping range	6-51mm(6SH)
Quantity of mould	12 sets
System pressure	30Mpa
Power	3kw
Voltage	220v/240v/380v/415v(optional)
Noise value	75dB
Work eficiency	300 pcs/h
Max open diameter	122 mm
Max mould opening	28mm
Machine dimension	720*530*730(mm)
Machine weight	256kg
Package dimension	1190*965*850mm



R102ELA SIZE CHART	
Crimping range	1/4"-4"4SH(6-102mm)
Quantity of mould	17 sets
System pressure	31.5 Mpa
Power	4kw
Voltage	220v/240v/380v/415v(optional)
Work efficiency	200 pcs/h
Volume of oil tank	200L
Machine weight	500kg
Package weight	530kg
Machine dimension	1000*600*1050mm
Package size	1080*900*1300mm



R150ELA SIZE CHART	
Crimping range	6-51mm(6SH)
Quantity of mould	12 sets
System pressure	30Mpa
Power	3kw
Voltage	220v/240v/380v/415v(optional)
Noise value	75dB
Work eficiency	300 pcs/h
Max open diameter	122 mm
Max mould opening	28mm
Machine dimension	720*530*730(mm)
Machine weight	256kg
Package dimension	1190*965*850mm

★ All other technical specifications are customizable per customer requirements

HOSE CRIMPING MACHINE



M16A & M16B SIZE CHART		
	M16A	M16B
Crimping range	6-47mm (2SN 1"Femule)	6-47mm (2SN 1"Femule)
Max Crimping Size	1"	1"
Quantity of mould	7pcs	6pcs
Random Molud Specifcations	14,16,19,23,27,31,35	14,16,19,23,27,31
Closing Range	20 mm	20 mm
Hydraulic Pump Pressure	700 Bar (Self-produced)	700 Bar (ENERPCA)
Speed of Crimping	Standard speed	Standard speed
Control Method	Manual	Manual
Machine weight	25.5kg	30kg
Package weight	30 kg	35kg
Machine dimension	305*400*280 (mm)	330*400*270 (mm)
Package dimension	407*470*470 (mm)	407*470*470 (mm)



PR-M51 SIZE CHART	
Crimping range	6-51mm
Quantity of mould	10 sets
Withhold frequency	70/root
Control Method	Manual
Machine weight	200kg
Package weight	220kg
Machine dimension	980*600*510(mm)
Package dimension	1100*650*700(mm)



R32ELO SIZE CHART	
Crimping size	6-51mm1/4"-2"2SN
Crimping range	15-87mm
Quantity of mould	10 sets
Number of mould	15,19,23,26,31,36,41,47,55,63
Power	600w
Voltage	12v/24v
Noise value	54dB
Machine dimension	650*435*450(mm)
Machine weight	180kg



65D SIZE CHART	
Skiving size	1/8"-2"4SH
Quantity of mould	10 Sets
Voltage	380V/220V
Motor power	400w
Work effciency	1500pcs/h
Machine dimension	560x550×1100(mm)
Machine weight	55kg
Package dimension	620x600x1300(mm)
Package weight	75kg

★ All other technical specifications are customizable per customer requirements

HOSE CRIMPING MACHINE



65DB SIZE CHART	
Cuting size	2"4SN 1-1/2"6SN
Maximum outer diameter	2”4SH
Quantity of mould	10 Sets
Voltage	380V/3KW 220V/4KW (optional)
Saw blade size	OD:350mm,ID:32mm
Saw blade thickness	3mm
Machine dimension	150kg
Machine weight	760*560*1140(mm)



350B SIZE CHART	
Cutting size	1/8"-2"4SN,1/8"-1-1/2"6SH
Maximum O.D.	80mm
Advantage	wheels,with dust collector
Voltage	380V/220V(optional)
Saw blade size	OD:350mm,ID:32mm
Saw blade thickness	3mm
Machine dimension	650×410×450mm
Machine weight	105kg
Package dimension	850×600×980mm
Package weight	125kg



RC51DC SIZE CHART	
Voltage	12V/24V
Motor power	3KW
Speed	3000RPM
Maximum O.D.	ϕ51mm
Saw blade size	ϕ300×2.8mm
Machine dimension	640×530×460mm
Machine weight	58Kg
Package dimension	660×620×520mm
Package weight	75Kg



S450ESB SIZE CHART	
Max crimping diameter	10"
Crimp range	50-265mm
Voltage	415V/5OHz (optional)
Motor power	11kW
System pressure	30MPa
Die sets	1sets or customized
Cycle time	6.7mm/s
Noise level	≤75dB
Volume of oil tank	330L
Machine dimesion	1200x690x1900(mm)
Hydraulic Unit dimesion	1200x900×1250(mm)
Machine weight	2850Kg
Hydraulic Unit weight	550Kg

★ All other technical specifications are customizable per customer requirements

WORKSHOP









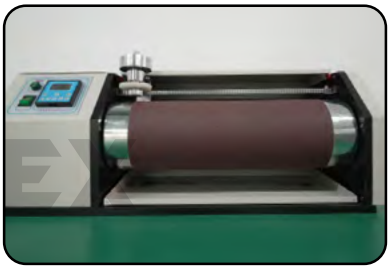
TEST EQUIPMENT



UV Aging Test



Vulcanizer



Abrasion Test



Impulse Test



Strength Test



Mooney Viscometer

★ All other technical specifications are customizable per customer requirements

QUALITY ASSURANCE CERTIFICATES

ORIENTFLEX



Hebei Orient ADMA Tech Group Co.,Ltd. specialized in flexible hoses & couplings since 2010, is a professional manufacturer and exporter of these products:

- Industrial Hose
- Hydraulic Hose
- Thermoplastic Hose(PVC,PU,PA,PE,TPR)
- Silicone Hose
- Couplings

Orientflex carries out strict quality control, The company is environmental friendly according to ISO14001, the products pass certification of CE, FDA, MSHA, ROHS, API, SGS.