SHANGHAI FUREX PETROLEUM EQUIPMENT CO.,LTD.

SHANDONG FUREX NEW MATERIAL TECHNOLOGY CO., LTD.

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FUREX

Furex Energy OIL & GAS INDUSTRY

OIL & GAS

WATER

CO_2

OTHER APPLICATIONS

CATALOGUE

COMPANY PROFILE

Shanghai Furex Petroleum Equipment Co.,Ltd., since its establishment in 2015, has developed through continuous technological innovation into a high-tech enterprise with independent import and export rights integrating R&D, production, sales and service.We are committed to the R&D and manufacturing of various types of rubber hoses, fracturing accessories and related petrochemical products, including fracturing hoses, high, medium and low-pressure hoses, and high-pressure plug valves, check valves, pup joints, fracturing pump valve box and pump accessories,fracturing proppant, barium sulfate,etc.Furex's production headquarters is located in Shandong, and its R&D, sales center and warehousing facilities are located in the Shanghai Free Trade Zone. The head office covers an area of 33.4 acres, with a construction area of more than 24.7 acres, and more than 500 employees.

Furex attaches great importance to technological innovation and product research and development, and has a research and development team composed of more than 30 professionals. It not only holds a number of patents and independent intellectual property products, but also has established close relationships with institutions of higher learning such as the Chinese Academy of Sciences and China University of Petroleum. The cooperative relationship jointly promotes the research and development of core technologies. In addition, the head office has also established a series of high-level technology research and development platforms including "Academician Expert Workstation" and "Postdoctoral Research Workstation", laying a solid foundation for the company's continued growth and innovation.

Furex has four offices around the world, located in Houston, Hong Kong, Shanghai, and Horgos Xinjiang, building an extensive business network. At the same time, we have set up production workshops and warehouses in four regions at home and abroad, including Shandong, Hubei, Hebei in China and Texas in the United States, to ensure efficient and flexible service to global customers. Committed to providing customers with one-stop, high-quality solutions.

Enterprise culture

Corporate Vision

Enterprise culture

2010 - 2015

Diversified expansion and entry into the energy industry

In 2010, the business field expanded from a single mine safety service to the energy industry, enriching Furex's product line and service scope. In 2015, it continued to expand its business areas and officially entered the petroleum industry. It established a branch in Shanghai and established a new factory area, further improving Furex's production capacity and market competitiveness.

2024 later

Internationalization Layout and Future Prospects

In 2024, the company's various accessories in the field of petroleum fracturing will be launched in all categories to provide customers with more comprehensive and professional services. At the same time, the company also established an international trade department and officially entered the international market, demonstrating the company's determination and confidence to become a leading company in the global energy field.

1998 - 2007

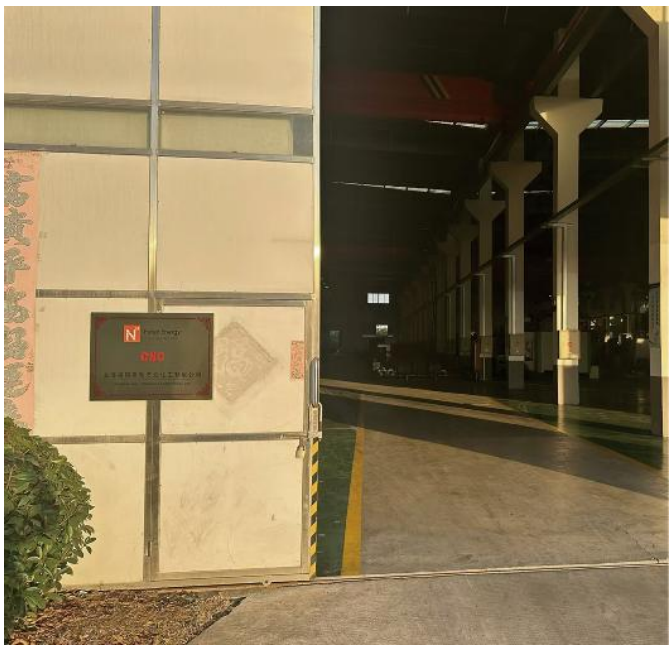
Start up and Foundation Building

Since its establishment in 1998, the parent company has been deeply involved in the field of mine safety monitoring and control. In the early days, there were only more than 30 workers. 2007 was an important milestone in Furex's development. It successfully established branches in three provinces in China, and the number of employees grew rapidly, which injected strong impetus into Furex's subsequent development.

2019 - 2020

Strategic Transformation and Technological Innovation

In 2019, Furex launched a new round of strategic transformation and began to develop, produce and sell high-end oil drilling equipment. In 2022, Furex will join hands with universities such as China University of Petroleum and the Chinese Academy of Sciences to jointly develop fracturing hose and other accessories, further consolidating Furex's leading position in the energy field.



COMPLETE PRODUCTION EQUIPMEN







NT

Ultra wear-resistant fracturing hose(BUILT - IN)

Structure

Inner liner: Ultra-High Molecular Weight Polyethylene.
Inner layer: Polymer Synthetic Rubber.
Reinforcement layer: High-Strength Steel Wire Rope.
Outer layer: High-Strength Wear-Resistant Synthetic Rubber.

Features

Application: The fracking hose is utilized for rapid connection between the fracturing wellhead and the manifold skid, or between the fracturing truck and the high- and low-pressure manifolds. It delivers a high-velocity mixture of fracturing fluid, proppant, and acid downhole to induce fractures in the reservoir rock, which are then propped open to create stable, long-term flow channels. This process facilitates the effective release and enhanced recovery of deep oil and natural gas.

Cost savings: Streamlined components enable quick connection, speed up installation and reduce downtime.
Flexible and lightweight: lighter than traditional flow iron and more flexible.
Fluid to be transfer : Fracturing fluid, fracturing sand, HCl, liquid CO_2, etc.
Temperature: -35°C ~ 100°C.
Connection options: Hammer union or flange.

I.D.		O.D.	W.P.	T.P.	Min.B.R.		Weight		Volume		M.F.T	Length
inch	mm	mm	psi	psi	mm	ft	kg/m	lbs/ft	bbl/min	m³/min	KN	m
2	51	110	15000	22500	800	2.62	25.3	17.0	13.8	2.2	>400	61
2.5	64	122			900	2.95	29.8	20.0	22.0	3.5	>500	61
2.7	68	131			1000	3.28	38.5	25.0	25.2	4.0	>700	61
3	76	136			1100	3.60	41.2	27.6	30.8	4.9	>800	61
3.5	89	175			1300	4.26	58.0	38.9	42.1	6.7	>1000	61
4	102	185			1400	4.59	65.0	43.7	55.4	8.8	>1100	61
5	127	230			1500	4.92	96.0	64.5	110.7	17.6	>1200	61
2	51	136	20000	30000	1000	3.28	44.0	29.5	15.1	2.4	>600	61
2.5	64	165			1100	3.60	51.0	34.2	23.3	3.7	>700	61
2.7	68	166			1200	3.93	53.0	35.6	26.4	4.2	>900	61
3	76	175			1200	3.93	57.0	38.3	32.1	5.1	>1000	61

Ultra wear-resistant fracturing hose(Crimping)

Structure

Inner liner: Ultra-High Molecular Weight Polyethylene.
Inner layer: Polymer Synthetic Rubber.
Reinforcement layer: High-Strength Steel Wire Rope.
Outer layer: High-Strength Wear-Resistant Synthetic Rubber.

Features

Application: Used for quick connection between fracturing wellhead and manifold skid, fracturing truck and high and low pressure manifold, injecting fluid containing acid liquid or fracturing sand into the well at high flow rate to cause cracks in the oil layer rock and support fractures open, releasing deep oil and natural gas.
Cost savings: Streamlined components enable quick connection, speed up installation and reduce downtime.
Long life: lined with corrosion-resistant rubber and outer spiral sheath, highly durable.

Flexible and lightweight: lighter than traditional flow iron and more flexible.
Temperature: -35°C ~ 100°C.
Connection options: Hammer union or flange.

I.D.		O.D.	W.P.	T.P.	Min.B.R.		Weight		Volume		Connection
in	mm	mm	psi	psi	mm	ft	kg/m	lb/ft	bbl/min	m³/min	
2	51	107	15000	22500	800	2.62	18	12.1	13.2	2.1	3"FIG 1502 Hammer Union or 3 1/16"15K API Flange Connection
2.5	64	120			900	2.95	25	16.8	21.4	3.4	
2.7	69	128			1000	3.28	28	18.8	24.5	3.9	
3	76	133			1100	3.61	31	20.8	30.2	4.8	
3.5	89	164			1200	3.93	50	33.6	41.5	6.6	4"FIG 1502 Hammer Union or 4 1/16"15K API Flange Connection
4	102	179			1300	4.26	58	38.9	54.7	8.7	
4.7	120	208			1400	4.59	78	52.4	65.0	10.3	5 1/8"15K API Flange Connection
5	127	216			1400	4.59	84	56.4	110.0	17.6	
6	152	255			1700	5.57	123	82.6	113.2	18.0	7 1/16"15K API Flange Connection
2	51	112	20000	30000	1000	3.28	24	16.1	15.1	2.4	2"FIG 2002 Hammer Union or 3 1/16"20K API Flange Connection
2.5	64	133			1100	3.60	34	22.8	23.3	3.7	3"FIG 2002 Hammer Union or 3 1/16"20K API Flange Connection
3	76	159			1500	4.92	55	36.9	21.1	5.1	
4	102	202			1700	5.57	92	61.8	56.6	9.0	4 1/16"20K API Flange Connection

API 7K high pressure cement hose (BUILT - IN)

Structure

Inner layer: Synthetic Rubber.
Middle layer: High-strength Steel Wire Rope.
Outer layer: Wear-resistant & Weather-resistant Synthetic Rubber.

Features

Application: As a flexible connector for cementing manifolds, it is used to convey water-based mud, oil-based mud, etc., under high pressure.
Good sealing performance: The hose connection is equipped with a sealing component to prevent mud leakage from causing environmental pollution and safety accidents.
Working Temperature: -20℃~121℃ (customizable for special temperatures).
Flexibility Class: FSL 0/1/2Connection.
Type: Hammer union or flange connection.
Applicable Standard: API Spec. 7K.

I.D.		O.D.	W.P.	T.P.	B.P.	Min.B.R.		Weight
(in.)	(mm)	(mm)	(psi)	(psi)	(psi)	(mm)	ft	(kg/m)
2	51	102	10000	15000	22500	800	2.6	21
2.5	64	118				900	2.9	28
3	76	132				1000	3.9	39
4	102	164				1200	4.5	46
2	51	108	15000	22500	33750	800	3.2	25
2.5	64	121				900	3.6	29
3	76	136				1200	3.9	41

API 7K high pressure cement hose (Crimping)

Structure

Inner layer: Synthetic Rubber.
Middle layer: High-strength Steel Wire Rope.
Outer layer: Wear-resistant & Weather-resistant Synthetic Rubber.

Features

Application: As a flexible connector for cementing manifolds, it is used to convey water-based mud, oil-based mud, etc., under high pressure.
Good sealing performance: The hose connection is equipped with a sealing component to prevent mud leakage from causing environmental pollution and safety accidents.
Working Temperature: -20℃~121℃ (customizable for special temperatures)
Flexibility Class: FSL 0/1/2Connection
Type: Hammer union or flange connection
Applicable Standard: API Spec. 7K

I.D.		O.D.	W.P.	T.P.	B.P.	Min.B.R.	Weight
(in.)	(mm)	(mm)	(psi)	(psi)	(psi)	(mm)	(kg/m)
2	51	84	10000	15000	22500	800	10
2.5	64	97				900	19
3	76	128				1000	28
3.5	89	136				1100	32
4	102	154				1200	36
2	51	102	15000	22500	33750	800	20
3	76	132				1200	35
2	51	105	20000	30000	45000	1000	26
3	76	142				1500	45

API 7K rotary drilling hoses & vibrator hoses(BUILT - IN)

Structure

Inner layer: NR & SBR synthetic rubber.
Middle layer: High-strength Steel Wire Rope.
Outer layer: Wear-resistant & Weather-resistant Synthetic Rubber.

Features

Application: Used as a flexible connection in drilling and workover. Connects the top of the riser to the top drive/rotating device, and the pump to the bottom of the riser. For high-pressure mud delivery in oil drilling and exploration.
Good sealing performance: The hose connection is equipped with a sealing component to prevent mud leakage from causing environmental pollution and safety accidents.
Working Temperature: -20℃~121℃ (customizable for special temperatures).
Flexibility Class: FSL 0/1/2Connection.
Type: Hammer union or flange connection.
Applicable Standard: API Spec. 7K.

I.D.		O.D.	W.P.	T.P.	B.P.	Min.B.R.	Weight
(in.)	(mm)	(mm)	(psi)	(psi)	(psi)	(mm)	(kg/m)
2	51	91	5000	7500	12500	800	11
2.5	64	103				900	14
3	76	120				1000	17
3.5	89	134				1200	20
4	102	160				1200	34
5	127	191				1400	50
6	152	224				1600	56
2	51	102	7500	11250	18750	1100	18
2.5	64	124				1100	27
3	76	137				1200	30
3.5	89	151				1300	37
4	102	166				1400	43
5	127	205				1500	63
6	152	247				1600	91

API 7K rotary drilling hoses & vibrator hoses(Crimping)

Structure

Inner layer: NR & SBR synthetic rubber.
Middle layer: High-strength Steel Wire Rope.
Outer layer: Wear-resistant & Weather-resistant Synthetic Rubber.

Features

Application: Used as a flexible connection in drilling and workover. Connects the top of the riser to the top drive/rotating device, and the pump to the bottom of the riser. For high-pressure mud delivery in oil drilling and exploration.
Good sealing performance: The hose connection is equipped with a sealing component to prevent mud leakage from causing environmental pollution and safety accidents.
Working Temperature: -20℃~121℃ (customizable for special temperatures).
Flexibility Class: FSL 0/1/2Connection.
Type: Hammer union or flange connection.
Applicable Standard: API Spec. 7K.

I.D.		O.D.	W.P.	T.P.	B.P.	Min.B.R.	Weight
(in.)	(mm)	(mm)	(psi)	(psi)	(psi)	(mm)	(kg/m)
2	51	66	1500	2250	3750	800	4.2
2.5	64	85				800	5.3
2	51	67	2000	3000	5000	800	4.2
2.5	64	85				800	5.5
3	76	96				900	6.4
3.5	89	112				1000	8.4
4	102	126				1000	10.3
5	127	155				1200	14.0
6	152	184				1300	18.1
2	51	72	4000	6000	10000	800	6.2
2.5	64	86				800	8.5
3	76	103				1000	11.0
3.5	89	116				1200	14.5
4	102	131				1200	16.0
5	127	163				1300	24.3
6	152	195				1400	33.0
2	51	74	5000	7500	12500	800	6.4
2.5	64	92				800	8.6
3	76	105				1000	11.0
3.5	89	122				1200	14.4
4	102	135				1200	16.0
5	127	166				1400	24.2
6	152	195				1500	33.0
2	51	76	7500	11250	18750	800	8.3
2.5	64	95				900	10.4
3	76	112				1100	18.4
3.5	89	126				1200	20.4
4	102	152				1300	29.0
5	127	183				1600	48.5
6	152	213				1600	59.0

API 16C flexible choke and kill hose (BUILT - IN)

Structure

Inner layer: HNBR.
Middle layer: High-strength Steel Wire Rope.
Outer layer: High-temperature Resistant & Wear-resistant Synthetic Rubber.
Protective layer: Stainless Steel Armored.

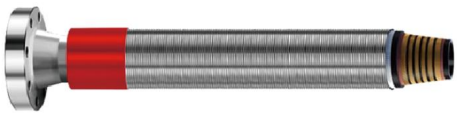
Features

Application: Used for the flexible connection between choke and kill manifolds and other equipment. It can transport oil and gas mixtures containing dangerous gases such as hydrogen sulfide (H_2S) in high-pressure environments, as well as various water-based, oil-based, and foam kill fluids.
Strong adaptability: Stainless steel armor with flame-retardant and weather-resistant rubber, suitable for harsh environments.
Long life: Made of high temperature resistant, flame retardant synthetic rubber, no damage to +704°C open flame for 30 minutes.
Wear and pressure resistance: Stainless steel armor improves pressure and wear resistance and adapts to harsh environments.
Working Temperature: -29℃~121℃ (customizable for special temperatures).
Flexibility Class: FSL 0/1/2Connection.
Type: Hammer union or flange connection.
Applicable Standard: API Spec. 7K.

I.D.		O.D.	W.P.	T.P.	B.P.	Min.B.R.	Weight
(in.)	(mm)	(mm)	(psi)	(psi)	(psi)	(mm)	(kg/m)
2	51	138	5000	7500	11250	800	31.0
3	76	166				1200	42.0
4	102	242				1400	107.0
2	51	145	10000	15000	22500	900	34.0
3	76	173				1400	46.0
4	102	246				1500	108.0
2	51	164	15000	22500	33750	1200	51.0
3	76	194				1500	68.0

API 16C flexible choke and kill hose(crimping)

Structure



Inner layer: HNBR.
Middle layer: High-strength Steel Wire Rope.
Outer layer: High-temperature Resistant & Wear-resistant Synthetic Rubber.
Protective layer: Stainless Steel Armored.

Features

Application: Used for the flexible connection between choke and kill manifolds and other equipment. It can transport oil and gas mixtures containing dangerous gases such as hydrogen sulfide (H_2S) in high-pressure environments, as well as various water-based, oil-based, and foam kill fluids.
Strong adaptability: Stainless steel armor with flame-retardant and weather-resistant rubber, suitable for harsh environments.
Long life: Made of high temperature resistant, flame retardant synthetic rubber, no damage to +704°C open flame for 30 minutes.
Wear and pressure resistance: Stainless steel armor improves pressure and wear resistance and adapts to harsh environments.
Working Temperature: -29℃~121℃ (customizable for special temperatures).
Flexibility Class: FSL 0/1/2Connection.
Type: Hammer union or flange connection.
Applicable Standard: API Spec. 7K.

I.D.		O.D.	W.P.	T.P.	B.P.	Min.B.R.	Weight
(in.)	(mm)	(mm)	(psi)	(psi)	(psi)	(mm)	(kg/m)
2	51	88	5000	7500	11250	800	9.4
3	76	114				1200	14.6
3.5	89	133				1300	20.2
4	102	146				1400	30.1
2	51	95	10000	15000	22500	900	15.2
2.5	64	126				1000	25.0
3	76	140				1300	33.1
4	102	167				1500	52.0
2	51	102	15000	22500	33750	1200	21.2
3	76	143				1500	33.0
4	102	172				1800	56.5

BOP well control fire-resistant hose

Structure

Inner layer: NBR.
Middle layer: Multi-layered high-strength steel wire.
Outer layer: High temperature and fire resistant synthetic rubber.
Protective layer: Stainless steel armor.

Features

Application: Used in well control systems to remotely control the opening and closing of blowout preventers and transport high-pressure hydraulic oil.
Temperature: -40°C~+121°C (-40°F~+250°F)
Standard:API Spec. 16D, resistant to +704°C open flame for 30 minutes without damage.

I.D.		W.P.		T.P.		B.P.		Min.B.R.		Weight	
(in.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(psi)	(MPa)	(ft)	(mm)	(lb/ft)	(kg/m)
0.3	7.6	3000	21	6000	42	12000	84	0.5	150	0.6	0.9
0.5	12.7	3000	21	6000	42	12000	84	0.8	230	0.7	1.1
0.75	19.1	3000	21	6000	42	12000	84	1.0	300	0.9	1.4
1	25.4	3000	21	6000	42	12000	84	1.1	350	1.8	2.7
1.25	31.8	3000	21	6000	42	12000	84	1.5	450	2.6	3.8
1.5	38.1	3000	21	6000	42	12000	84	1.8	550	3.0	4.5
2	50.8	3000	21	6000	42	12000	84	2.3	700	3.9	5.8
0.3	9.6	5000	35	10000	70	20000	140	0.5	150	0.9	1.3
0.5	12.7	5000	35	10000	70	20000	140	0.8	230	1.0	1.5
0.75	19.1	5000	35	10000	70	20000	140	1.0	300	1.3	2.0
1	25.4	5000	35	10000	70	20000	140	1.1	350	2.2	3.2
1.25	31.8	5000	35	10000	70	20000	140	1.5	450	3.2	4.8
1.5	38.1	5000	35	10000	70	20000	140	1.8	550	3.9	5.8
2	50.8	5000	35	10000	70	20000	140	2.3	700	5.5	8.2

water suction and discharge hose

Structure

Inner layer: Synthetic rubber.
Middle layer: High-strength synthetic fabric cloth and spiral steel wire skeleton.
Outer layer: Synthetic rubber.

Features

Application: Used for conveying water and neutral liquids in construction, agriculture and other industries.
Working pressure: Constant pressure of 10Bar (150PSI).
Temperature: -20°C~80°C (-4°F~176°F).
(Special temperatures can be customized)

I.D.	O.D	W.P.		B.P.		Min.B.R.	Weight
(mm)	(mm)	(bar)	(psi)	(bar)	(psi)	(mm)	(Kg/m)
0.75	27	10	150	30	450	110	0.7
1	35	10	150	30	450	150	0.8
1.25	33	10	150	30	450	200	1.1
1.5	40	10	150	30	450	250	1.3
2	51	10	150	30	450	350	1.8
2.5	65	10	150	30	450	420	2.2
3	76	10	150	30	450	500	2.8
4	102	10	150	30	450	650	3.8
5	127	10	150	30	450	800	5.2
6	152	10	150	30	450	950	7.2
8	202	10	150	30	450	1,300	13.1
10	252	10	150	30	450	1,500	18.2
12	304	10	150	30	450	1,700	25.2
0.75	18	20	300	60	900	110	0.7
1	26	20	300	60	900	150	0.8
1.25	34	20	300	60	900	200	1.1
1.5	38	20	300	60	900	250	1.3
2	52	20	300	60	900	350	1.8
2.5	65	20	300	60	900	420	2.3
3	76	20	300	60	900	500	3.2
4	102	20	300	60	900	650	4.2
5	126	20	300	60	900	800	5.7
6	154	20	300	60	900	950	8.5

Oil Suction And Discharge Hose

Structure

Inner layer: Synthetic rubber.
Middle layer: High-strength synthetic fabric cloth and spiral steel wire skeleton.
Outer layer: Synthetic rubber.

Features

Application: Transporting gasoline, diesel, fuel oil with aromatic content ≤ 50% and general-purpose mineral oil.
Working pressure: Constant pressure of 10Bar (145PSI).
Temperature: -20 °C~80 °C (-4°F~176°F).
(Special temperatures can be customized)

I.D.		W.P.		B.P.		Weight		Min.B.R.	
inch	mm	Bar	Psi	Bar	Psi	Kg/m	lb/ft	inch	mm
1	25	10	145	30	435	0.7	0.5	2.8	70
1.5	38	10	145	30	435	1.2	0.8	4.3	110
2	51	10	145	30	435	1.6	1.1	6.3	160
2.5	63	10	145	30	435	2.1	1.4	7.9	200
3	76	10	145	30	435	2.8	1.9	9.1	230
3.5	89	10	145	30	435	3.6	2.4	11.8	300
4	102	10	145	30	435	4.1	2.8	15.7	400
5	127	10	145	30	435	6.2	4.2	19.7	500
6	152	10	145	30	435	7.8	5.2	23.6	600
8	203	10	145	30	435	10.2	6.9	27.6	700
10	254	10	145	30	435	13.8	9.3	31.5	800
12	305	10	145	30	435	17.4	11.7	35.4	900
1	25	20	300	60	900	0.8	0.5	2.8	70
1.5	38	20	300	60	900	1.3	0.9	4.3	110
2	51	20	300	60	900	1.8	1.2	6.3	160
2.5	63	20	300	60	900	2.3	1.5	7.9	200
3	76	20	300	60	900	3.3	2.2	9.1	230
3.5	89	20	300	60	900	3.9	2.6	11.8	300
4	102	20	300	60	900	4.0	2.7	15.7	400
5	127	20	300	60	900	6.9	4.6	19.7	500
6	152	20	300	60	900	9.4	6.3	23.6	600

Chemical Suction And Discharge Hose

Structure

Inner layer: Synthetic rubber.
Middle layer: High-strength synthetic fabric cloth and spiral steel wire skeleton.
Outer layer: Synthetic rubber.

Features

Application: Used for transporting and pumping most acidic or alkaline chemicals.
Working pressure: Constant pressure of 10Bar (145PSI).
Temperature: -20 °C~80 °C (-4°F~176°F).
(Special temperatures can be customized)

I.D.		W.P.		B.P.		Min.B.R.	Weight
inch	mm	Bar	Psi	Bar	Psi	mm	Kg/m
0.75	19	10	145	40	600	80	0.7
1	25	10	145	40	600	110	0.8
1.25	32	10	145	40	600	160	1.1
1.5	38	10	145	40	600	230	1.5
1.75	45	10	145	40	600	280	1.8
2	51	10	145	40	600	350	2.3
2.5	63	10	145	40	600	450	2.8
3	76	10	145	40	600	700	3.3
4	102	10	145	40	600	900	4.9
5	127	10	145	40	600	1000	7.2
6	152	10	145	40	600	1200	9.0
0.75	19	16	240	64	960	130	0.7
1	25	16	240	64	960	150	0.9
1.25	32	16	240	64	960	200	1.1
1.5	38	16	240	64	960	225	1.3
2	51	16	240	64	960	275	1.7
2.5	64	16	240	64	960	275	2.1
3	76	16	240	64	960	400	2.8
4	102	16	240	64	960	800	3.8
5	127	16	240	64	960	1,300	6.5
6	152	16	240	64	960	1,600	8.1

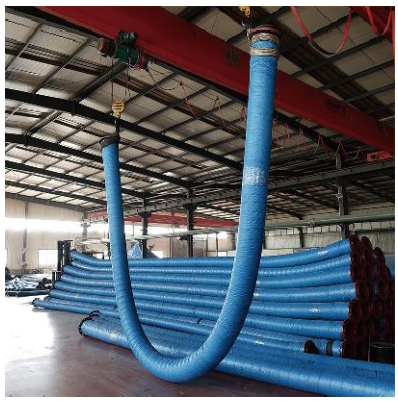
Bulk Material Suction And Discharge Hose

Structure

Inner layer: Synthetic rubber.
Middle layer: High-strength synthetic fabric cloth and spiral steel wire skeleton.
Outer layer: Synthetic rubber.

Features

Application: Used to transport and pump abrasive materials such as barite and dry powder cement.
Working pressure: Constant pressure of 20Bar (300PSI).
Temperature: -20 °C~80 °C (-4°F~176°F).
(Special temperatures can be customized)



I.D.		W.P.		B.P.		Min.B.R.	Weight
inch	mm	Bar	Psi	Bar	Psi	mm	(lb/ft)
0.75	19	10	150	30	450	110	0.7
1	25	10	150	30	450	150	0.8
1.24	32	10	150	30	450	200	1.1
1.5	38	10	150	30	450	250	1.3
2	51	10	150	30	450	350	1.9
2.5	64	10	150	30	450	420	2.3
3	76	10	150	30	450	500	2.6
3.5	89	10	150	30	450	550	3.2
4	102	10	150	30	450	650	3.6
5	127	10	150	30	450	800	5.2
6	152	10	150	30	450	950	6.2
8	203	10	150	30	450	1,300	8.7
2	51	20	300	60	900	180	1.1
3	76	20	300	60	900	360	2.1
4	102	20	300	60	900	500	3.3
5	127	20	300	60	900	650	4.2
6	152	20	300	60	900	800	6.3

Portable Water Suction And Discharge Hose

Structure

Inner layer: White, non-toxic, odorless natural rubber.
Middle layer: High-strength synthetic fabric cloth and spiral steel wire skeleton.
Outer layer: Synthetic rubber.

Features

Application: For conveying and pumping drinking water.
Working pressure: Constant pressure of 10Bar (145PSI).
Temperature: -20 °C~80 °C (-4°F~176°F).
(Special temperatures can be customized)

I.D.		W.P.		B.P.		Min.B.R.	Weight
inch	mm	Bar	Psi	Bar	Psi	mm	(lb/ft)
1	25	10	145	40	600	150	0.81
1.5	38	10	145	40	600	200	1.08
2	51	10	145	40	600	300	1.48
2.5	63	10	145	40	600	350	1.61
3	76	10	145	40	600	450	2.15
4	102	10	145	40	600	550	3.70
5	127	10	145	40	600	650	4.77
6	152	10	145	40	600	750	5.78
0.75	19	20	300	80	1,200	110	0.7
1	25	20	300	80	1,200	150	1.0
1.25	32	20	300	80	1,200	200	1.3
1.5	38	20	300	80	1,200	250	1.4
2	51	20	300	80	1,200	350	1.8
3	76	20	300	80	1,200	500	2.8
4	102	20	300	80	1,200	650	4.3
5	127	20	300	80	1,200	800	6.8
6	152	20	300	80	1,200	960	7.9

Mud Suction And Discharge Hose

Structure

Inner layer: Synthetic rubber.
Middle layer: High-strength synthetic fabric cloth and spiral steel wire skeleton.
Outer layer: Wear-resistant synthetic rubber.

Features

Application: Used for sucking and conveying abrasive slurry materials.
Working pressure: Constant pressure 10Bar (150PSI).
Temperature: -20 °C~80 °C (-4°F~176°F).
(Special temperatures can be customized)

I.D.	O.D.	W.P.	T.P.	B.P.	Min.B.R.
inch	mm	psi	psi	psi	mm
1	42	150	225	600	150
1.5	56	150	225	600	200
2	68	150	225	600	300
2.5	82	150	225	600	350
3	94	150	225	600	400
4	126	150	225	600	550
5	152	150	225	600	650
6	178	150	225	600	800
1	42	300	450	1200	150
1.5	56	300	450	1200	200
2	72	300	450	1200	300
2.5	86	300	450	1200	350
3	98	300	450	1200	400
4	130	300	450	1200	550
5	152	300	450	1200	650
6	182	300	450	1200	800

Sand Suction And Discharge Hose

Structure

Inner layer: Black synthetic rubber, wear-resistant.
Middle layer: High-strength synthetic fabric cloth and spiral steel wire skeleton.
Outer layer: Wear-resistant synthetic rubber.

Features

Application: Suction of quartz sand, coal dust, iron sand and other abrasive materials, withstand negative pressure -0.9Bar.
Working pressure: Constant pressure 12Bar (175PSI).
Temperature: -20 °C~80 °C (-4°F~176°F).
(Special temperatures can be customized)

I.D.		O.D.		W.P.		B.P.		Weight		Min.B.R.
inch	mm	inch	mm	bar	psi	bar	ps	kg/m	lb/ft	mm
0.5	12	1-1/16	28	12	175	36	530	0.48	0.32	130
0.7	18	1-5/16	36	12	175	36	530	0.62	0.42	190
1	25	1-9/16	41	12	175	36	530	0.85	0.57	254
1.2	33	1-57/64	47	12	175	36	530	1.06	0.72	320
1.5	38	2-1/8	55	12	175	36	530	1.22	0.83	380
2	52	2-13/16	70	12	175	36	530	2.11	1.42	508
2.5	62	3-1/4	83.6	12	175	36	530	3.26	2.22	630

MARINE FLOATING OIL TRANSMISSION HOSE

Structure

Inner rubber: Nitrile butadiene rubber (reinforced with fiber cords).
Reinforcement layer: Multi-layer steel cords (with wire helix).
External rubber: Chloroprene rubber (with PE foam buffer).
Second carcass: Steel cords.
Floating layers: Multi-layer foam rubber.
Outer cover: Chloroprene rubber.

Features

Application: This floating oil hose uses a double-carcass design with an electrical alarm. It alerts you to inner layer leaks, allows low-pressure (10 Bar) continued use, and prevents oil spill pollution.

Model	Main Structural Features	Size			Weight kg	
		I.D.	O.D.	"Bending Radius"	30 feet long	35 feet long
		mm	mm	m		
Offshore Semi-Foating Oil Delivery Hose	Multi-layer steel wire reinforcement layer: Adopting hard steel ring reinforcement. Additional steel wire layer reinforcement is applied near the flange connection area Residua buoyancy:9%	200	380	1.50	570	660
		250	460	1.85	730	850
		300	530	2.50	880	1020
		400	655	3.10	1450	1550
		500	785	3.70	1735	1950
		600	920	4.60	2600	3100
Offshore Floating Oil Delivery Hose	Multi-layer steel wire reinforcement layer; Auxiliary steel wire reinforcement layer, Residual buoyancy:20%, Overall floating performance	150	300	1.20	400	470
		200	360	1.50	540	630
		250	430	1.85	620	800
		300	492	2.50	770	890
		400	620	3.10	1105	1250
		500	750	3.70	1700	2000
		600	910	4.50	2400	2800
Offshore Floating Oil Delivery Hose	Multi-layer steel wire reinforcement,hard steel ring reinforcement,overallfloating performance	200	380	1.50	610	700
		250	450	1.85	780	960
		300	622	2.50	940	1080
		400	670	3.10	1340	1540
		500	795	3.70	1700	1960

Sand Suction And Discharge Hose

Structure

Internal helix: Stainless steel.
External helix: Stainless steel.
Inner tube: Synthetic materials.

Features

Application: For suction and discharge use in low temperatureenvironment or used in transporting low product. The hoseconstruction is exceptionally lightweight and flexible for ease ofhandling yet remains robust, hard-wearing and cost effective. Electrically resistant to less than 10 ohms.
Temperature: -190°C~60 °C .
Length: 3/4"up to 4"40m,5" up to 10"20m SGC also can be available.
Standard/Approval:BS EN13765:2003 and BS5842:1980

I.D.		M.W.P		Safety	Bend Radius		Weight	Maximum	
Inch	mm	Bar	Psi	Factor	mm	Inch	Kg./mt	Mt	Feet
0.75	20	15	200	8:1	80	3	0.8	40	132
1	25	15	200	8:1	100	4	1.0	40	132
1.25	32	15	200	8:1	125	5	1.3	40	132
1.5	40	15	200	8:1	140	6	1.5	40	132
2	50	15	200	8:1	180	7	2.5	40	132
2.5	65	15	200	8:1	200	8	3.3	40	132
3	75/80	15	200	8:1	260	10	4.0	40	132
4	100	15	200	8:1	380	15	6.8	40	132
6	150	13	185	8:1	500	20	13.2	40	132
8	200	13	185	8:1	750	30	18.0	40	132
10	250	13	185	8:1	900	36	26.0	25	82
12	300	10	150	8:1	1500	60	34.0	25	82

Driving wheel

Product introduction

Our monorail crane drive wheels combine a high-strength, easily machinablecast iron core with a premium imported polyurethane layer. Utilizing advancedcasting technology and imported adhesives, this bond delivers exceptional peelstrength, durability, and a guaranteed long service life.
Available in standard specifications (e.g., 355*95,340*100,400*100) compatible with leading monorail crane models, our wheels are engineered forsuperior performance. Key features include outstanding wear and tearresistance, low heat buildup, resistance to aging and corrosion, high loadcapacity, and a guaranteed no-delamination structure-all validated by rigorousfatigue testing for reliable quality.

With an annual capacity exceeding 100,000 units from a fully automatedproduction line,we supply from stock for monorail drive wheels and forkliftwheels, and provide custom solutions for demanding conditions (high-load,high-temperature, etc.). Widely applied in mining, logistics, warehousing, andmaterial handling.

Performance	Technical Specifications
Hardness	94±2A
Tensile strength	33±5MPa
Coefficient of friction	⩾0.46
Surface resistivity	⩽3×10^{8} Ω
"Time before fame self extinguishing"	<10s
Normal pressure	When walking at a speed of 6Km/h,⩾60KN
Tangential force	When walking at a speed of 6Km/h,>30KN

To be the world's leading manufacturer and service provider of fracturing hoses, shaping a smart, connected and green future.