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PRODUCTS CATALOGUE

- Hydraulic Hoses
- Hydraulic Hose Fittings
- Hydraulic Adapters
- OEM & ODM



Utigoflex[®]

Company Introduction

Utigo Technology Ltd. was established in 2009 in Shenzhen, China, we are a professional manufacturer and exporter from China specialized in manufacturing various kinds of rubber hoses, PVC hoses, hydraulic hoses, air ducting and hose accessories.

We are qualified by the ISO9001 system, with a strong production capacity, high efficiency sales team and competitive price superiority, we attract the customers from all over the world and export the goods to over 40 countries.

After these years' development, we achieved great progress. In 2023 our turnover is USD12,400,000, the export amount reached USD 11,120,000; We have foreign sales staff of 12 people, domestic sales staff of 5 people. And there are 15 hoses extrusion lines in our workshop. we also have each 1 production line of the polyester fabric hose, silicone hose and clamped high temperature hose.

Our mission: to allow fluids to be transported without obstacles.

Our vision: to achieve a century-old fluid transmission brand.

Our values:

1. Customer first.
2. Grow together.
3. Be pragmatic.
4. Innovation.

Utigoflex - your one-stop fluid transmission solutions provider.

Company



Certificatic :



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SAE 100 R1 AT / DIN EN 853 1SN

Application:

This hose is suitable for hydraulic lines and usual industrial systems.

Applicable specs.: DIN EN853 1SN, SAE J517 100 R1, ISO 1436-1 1SN

Features:

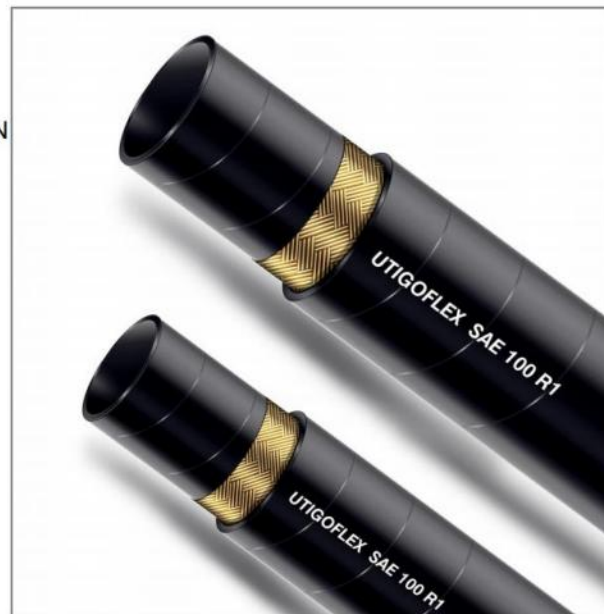
1. Good resistance to higher working pressure than other rubber hoses because of its high tensile braided steel wire reinforcement.
2. Having excellent performance in delivering oils by made of oil resistant synthetic rubber
3. Good resistance to abrasion, corrosion, weather, ozone, aging, sunlight and cut.
4. Very longer service life.

Material:

Tube: High quality oil resistant synthetic rubber.

Reinforcement: One layer of high tensile braided steel wire.

Cover: High quality synthetic rubber.



Working temperature range:

-40°C to +100°C.

Specification:

Hose code	Size		Dash size	ID		WD		OD			Working pressure		Min burst pressure		Min bending radius		Weight
								A	AT								
	mm	inch		min	max	mm	max	min	max	max	mpa	psi	mpa	psi	mm	kg/m	
SAE 100 R1-3	5	3/16	-3	4.6	5.4	8.9	10.1	11.9	13.5	12.5	25	3625	100	14500	90	0.2	
SAE 100 R1-4	6.3	1/4	-4	6.2	7.0	10.6	11.7	15.1	16.7	14.1	22.5	3260	90	13050	100	0.25	
SAE 100 R1-5	8	5/16	-5	7.7	8.5	12.1	13.3	16.7	18.3	15.7	21.5	3120	85	12325	115	0.31	
SAE 100 R1-6	10	3/8	-6	9.3	10.1	14.5	15.7	19.0	20.6	18.1	18	2610	72	10440	125	0.36	
SAE 100 R1-8	12.5	1/2	-8	12.3	13.5	17.5	19.0	22.2	23.8	21.5	16	2320	64	9280	180	0.45	
SAE 100 R1-10	16	5/8	-10	15.5	16.7	20.6	22.2	25.4	27.0	24.7	13	1885	52	7540	205	0.52	
SAE 100 R1-12	19	3/4	-12	18.6	19.8	24.6	26.2	29.4	31.0	28.6	10.5	1520	42	6090	240	0.65	
SAE 100 R1-16	25	1	-16	25.0	26.4	32.5	34.1	36.9	39.3	36.6	8.8	1280	35	5075	300	0.91	
SAE 100 R1-20	31.5	1-1/4	-20	31.4	33.0	39.3	41.7	44.4	47.6	44.8	6.3	910	25	3625	420	1.30	
SAE 100 R1-24	38	1-1/2	-24	37.7	39.3	45.6	48.0	50.8	54.0	52.0	5	725	20	2900	500	1.70	
SAE 100 R1-32	51	2	-32	50.4	52.0	58.7	61.9	65.1	68.3	65.9	4	580	16	2320	630	2.00	

SAE 100 R2 AT / DIN EN 853 2SN

Application:

This hose is suitable for delivering petroleum-based hydraulic oils thanks to its oil resistant tube. Besides, it can convey the oils without producing excessive heat and leak.

It is mainly used in some mobile equipment, such as farm tractor, dump truck and in-plant hydraulic equipment.

Applicable Specs.:

DIN EN853 2SN, SAE J517 100 R2, ISO 1436 -1 2SN

Features:

1. With very solid structure by made from two layers of high tensile braided steel wires.
2. Having excellent performance in high pressure working environment.
3. Good resistance to oil, weather, ozone, corrosion, abrasion, aging, sunlight and cut.
4. With longer service life.

Material:

Tube: High quality synthetic rubber.

Reinforcement: Two layers of high tensile braided steel wires.

Cover: High quality synthetic rubber.



Working temperature range:

-40°C to +100°C.

Specification:

Hose code	Size		Dash size	ID		WD		OD			Working Pressure		Min burst pressure		Min bending radius		Weight
								A	AT								
	mm	inch		mm	max	min	max	min	max	max	mpa	psi	mpa	psi	mm	kg/m	
SAE100 R2-3	5	3/16	-3	4.6	5.4	10.6	11.7	15.1	16.7	14.1	41.5	6020	165.0	24076	90	0.32	
SAE100 R2-4	6.3	1/4	-4	6.2	7.0	12.1	13.3	16.7	18.3	15.7	40.0	5800	160.0	23204	100	0.36	
SAE100 R2-5	8	5/16	-5	7.7	8.5	13.7	14.9	18.3	19.8	17.3	35.0	5080	140.0	20304	115	0.45	
SAE100 R2-6	10	3/8	-6	9.3	10.1	16.1	17.3	20.6	22.2	19.7	33.0	4800	132.0	19144	125	0.54	
SAE100 R2-8	12.5	1/2	-8	12.3	13.5	19.0	20.6	23.8	25.4	23.1	27.5	4000	110.0	15956	180	0.68	
SAE100 R2-10	16	5/8	-10	15.5	16.7	22.2	23.8	27.0	28.6	26.3	25.0	3630	100.0	14500	205	0.8	
SAE100 R2-12	19	3/4	-12	18.6	19.8	26.2	27.8	31.0	32.5	30.2	21.5	3120	85.0	12472	240	0.94	
SAE100 R2-16	25	1	-16	25.0	26.4	34.1	35.7	38.5	40.9	38.9	16.5	2400	65.0	9572	300	1.35	
SAE100 R2-20	31.5	1-1/4	-20	31.4	33.0	43.2	45.6	49.2	52.4	49.6	12.5	1820	50.0	7252	420	2.15	
SAE100 R2-24	38	1-1/2	-24	37.7	39.3	49.6	52.0	55.6	58.7	56	9.0	1310	36.0	5220	500	2.65	
SAE100 R2-32	51	2	-32	50.4	52.0	62.3	64.7	68.3	71.4	68.6	8.0	1160	32.0	4640	630	3.42	

SAE 100 R5 Steel Wire Braided Hydraulic Hose

Application:

This hose is suitable for impacted medium pressure hydraulic petroleum-based oils, lubricating oils, overheating lubricating oil and water & air piping, such as air brake, power steering, fuel filter, turbocharger and oil cylinder of heavy commercial vehicles.

Applicable specs.: SAE J517 100 R5

Features:

1. The tube is made from black synthetic rubber, which is resistant to oils and heat.
2. The reinforcement is made from one layer of single high tensile braided steel wire, making the hose have solid structure.
3. The cover is made from braided fiber, making the hose resistant to weather, oil, mildew and ozone.

Material:

Tube: Oil resistant synthetic rubber.

Reinforcement: One layer of single braided steel wire.

Cover: Braided fiber.

Working temperature range:

-40°C to +100°C.



Specification:

Hose code	Size		Dash Size	ID		OD		Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	min	max	mpa	psi	mpa	psi		
SAE 100 R5-3	5	3/16	-3	4.8	5.5	12.7	13.7	21.0	3045	84	12180	75	0.24
SAE 100 R5-4	6.3	1/4	-4	6.4	7.2	14.3	15.3	21.0	3045	84	12180	85	0.28
SAE 100 R5-5	8	5/16	-5	7.9	8.7	16.7	17.6	15.7	2270	63	9135	100	0.35
SAE 100 R5-8	12.5	1/2	-8	12.7	13.7	22.8	24	12.2	1770	49	7105	140	0.51
SAE 100 R5-10	16	5/8	-10	15.9	17.0	26.8	28	10.5	1520	42	6090	165	0.68
SAE 100 R5-14	22	7/8	-14	22.2	23.3	30.6	32.2	5.6	810	22.4	3250	185	0.7
SAE 100 R5-18	29	1-1/8	-18	28.6	29.8	37.3	38.9	4.3	620	17.5	2540	230	0.8
SAE 100 R5-22	35	1-3/8	-22	34.9	36.1	43.7	45.2	3.5	510	14	2030	265	0.93
SAE 100 R5-29	46	1-13/16	-29	46.0	47.2	55.2	57.6	2.4	350	9.8	1420	335	1.32
SAE 100 R5-38	60	2-3/8	-38	60.3	61.9	71.8	74.2	2.4	350	9.8	1420	610	2.96
SAE 100 R5-48	76	3	-48	76.2	77.8	89.3	91.7	1.4	200	5.6	810	840	4.10

SAE 100 R16 Steel Wire Braided Hydraulic Hose

Application:

This hose is suitable for connecting hydraulic equipment in narrow installation space, because it has small bending radius and outside diameter.

Applicable specs.: SAE J517 100 R16, ISO 11237 R16.

Features:

1. The tube is made from black oil resistant synthetic rubber, making it have excellent performance in delivering oils.
2. The reinforcement is designed of one layer or two layers of braided steel wire, which is highly resistant to high pressure.
3. The cover is made from weather resistant synthetic rubber, making the hose resistant to weather, ozone, aging, abrasion, corrosion, sunlight and cut.

Material:

Tube: Black synthetic rubber.

Reinforcement: One layer or two layers of high tensile braided steel wire.

Cover: High quality synthetic rubber.

Working temperature range:

-40°C to +100°C.



Specification:

Hose code	Size		Dash size	ID		WD	OD	Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		mm	max	max	max	mpa	psi	mpa	psi		
SAE 100 R16-4	6.3	1/4	-4	6.2	7.0	12.3	14.5	34.5	5000	138.0	20015	50	0.30
SAE 100 R16-5	8	5/16	-5	7.7	8.5	13.3	15.7	29.3	4250	117.2	16998	55	0.34
SAE 100 R16-6	10	3/8	-6	9.3	10.1	15.9	18.8	27.6	4000	110.0	15954	65	0.42
SAE 100 R16-8	12.5	1/2	-8	12.3	13.5	19.0	22.0	24.1	3495	97.0	14068	90	0.54
SAE 100 R16-10	16	5/8	-10	15.5	16.7	22.6	25.4	19.0	2755	76.0	11022	100	0.68
SAE 100 R16-12	19	3/4	-12	18.6	19.8	26.3	29.0	15.5	2248	62.0	8992	120	0.80
SAE 100 R16-16	25	1	-16	25.0	26.4	34.0	36.6	13.8	2000	55.0	7977	150	1.15
SAE 100 R16-20	31.5	1-1/4	-20	31.4	33.0	41.9	44.3	11.2	1625	44.8	6497	210	1.83

Utigoflex Braided Steel Wire Hydraulic Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

SAE 100 R17 Steel Wire Braided Hydraulic Hose

Application:

This hose is suitable for some equipment whose installation space is compact and narrow, because it has smaller bending radius and outside diameter.

Applicable specs.: SAE J517 100 R17, ISO 11237 R17.

Features

1. The tube is made from black oil resistant synthetic rubber, making the hose widely used in delivering oils.
2. The reinforcement is made from one layer or two layers of high tensile braided steel wire, making the hose have high working pressure.
3. The cover is made from super high quality weather resistant synthetic rubber, making the hose resistant to abrasion, corrosion, weather, ozone, aging and cut.
4. Having longer service life.

Material:

Tube: Black oil resistant synthetic rubber.

Reinforcement: One layer or two layers of high tensile braided steel wire.

Cover: Weather resistant synthetic rubber.

Working temperature range:

-40°C to +100°C.



Specification:

Hose code	Size		Dash Size	ID		WD	OD	Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	max	max	mpa	psi	mpa	psi	mm	kg/m
SAE 100 R17-4	6.3	1/4	-4	6.2	7.0	11.0	13.2	21	3045	84	12180	50	0.169
SAE 100 R17-5	8	5/16	-5	7.7	8.5	13.0	15.0	21	3045	84	12180	55	0.210
SAE 100 R17-6	10	3/8	-6	9.3	10.1	15.0	17.0	21	3045	84	12180	65	0.254
SAE 100 R17-8	12.5	1/2	-8	12.3	13.5	18.8	21.1	21	3045	84	12180	90	0.466
SAE 100 R17-10	16	5/8	-10	15.5	16.7	23.6	25.9	21	3045	84	12180	100	0.586
SAE 100 R17-12	19	3/4	-12	18.6	19.8	27.7	30.3	21	3045	84	12180	120	0.749
SAE 100 R17-16	25	1	-16	25.0	26.4	35.6	35.6	21	3045	84	12180	150	1.457

Utigoflex Braided Steel Wire Hydraulic Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

EN 857 1SC Steel Wire Braided Hydraulic Hose

Application:

EN 857 1SC steel wire reinforced hydraulic hose is almost similar to EN 853 1SN steel wire reinforced hydraulic hose in structure.

And the difference is that it has smaller outside diameters, which solves the problem of the compact and narrow installation space of some equipment piping.

Its high-strength steel wire reinforcement makes it suitable for high pressure working conditions.

Applicable Specs.: DIN EN857 1SC

Features:

1. Suitable for high pressure working conditions.
2. Resistant to abrasion and corrosion.
3. Resistant to weather, ozone, cut, aging and sunlight.

Material:

Tube: High quality synthetic rubber.

Reinforcement: One layer of high tensile braided steel wire.

Cover: High quality synthetic rubber.

Working temperature range:

-40°C to +100°C.



Specification:

Hose code	Size		Dash size	ID		WD		OD	Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	min	max	max	mpa	psi	mpa	psi	mm	kg/m
EN 857 1SC-4	6.3	1/4	-4	6.1	6.9	9.6	10.8	13.5	22.5	3260	90	13050	75	0.20
EN 857 1SC-5	8	5/16	-5	7.7	8.5	10.9	12.1	14.5	21.5	3120	86	12470	85	0.15
EN 857 1SC-6	10	3/8	-6	9.3	10.1	12.7	14.5	16.9	18	2610	72	10440	90	0.19
EN 857 1SC-8	12.5	1/2	-8	12.3	13.5	15.9	18.1	20.4	16	2320	64	9280	130	0.23
EN 857 1SC-10	16	5/8	-10	15.5	16.7	19.8	21.0	23.0	13	1885	52	7540	150	0.29
EN 857 1SC-12	19	3/4	-12	18.6	19.8	23.2	24.4	26.7	10.5	1520	42	6090	180	0.34
EN 857 1SC-16	25	1	-16	25	26.4	30.7	31.9	34.9	8.8	1280	35.2	5100	230	0.49

Utigoflex Braided Steel Wire Hydraulic Hose

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EN 857 2SC Steel Wire Braided Hydraulic Hose

Application:

EN 857 2SC steel wire reinforced hydraulic hose is similar to EN 853 2SN steel wire reinforced hydraulic hose in structure.

The difference is that it has smaller outside diameter, which is suitable for the equipment piping whose installation space is compact and narrow.

Applicable Specs.: DIN EN857 2SC, ISO 11237 2SC

Features:

1. Resistant to abrasion, corrosion and oil.
2. Resistant to high pressure.
3. Resistant to chemical fluids, weather, ozone, aging, sunlight and cut.

Material:

Tube: High quality synthetic rubber.

Reinforcement: Two layers of high tensile braided steel wires.

Cover: High quality synthetic rubber.



Working temperature range:

-40°C to +100°C.

Specification:

Hose code	Size		Dash size	ID		WD		OD	Working Pressure		Min burst Pressure		Min bending radius	Weight
	mm	inch		mm	max	min	max	max	mpa	psi	mpa	psi	mm	kg/m
EN 857 2SC-4	6.3	1/4	-4	6.1	6.9	10.6	11.7	14.2	40.0	5800	160	23200	75	0.30
EN 857 2SC-5	8	5/16	-5	7.7	8.5	12.1	13.3	16.0	35.0	5075	140	20300	85	0.34
EN 857 2SC-6	10	3/8	-6	9.3	10.1	14.4	15.6	18.3	33.0	4785	132	19140	90	0.42
EN 857 2SC-8	12.5	1/2	-8	12.3	13.5	17.5	19.1	21.5	27.5	3990	110	15950	130	0.54
EN 857 2SC-10	16	5/8	-10	15.5	16.7	20.5	22.3	24.7	25.0	3625	100	14500	170	0.68
EN 857 2SC-12	19	3/4	-12	18.6	19.8	24.6	26.4	28.6	21.5	3120	86	12470	200	0.80
EN 857 2SC-16	25	1	-16	25	26.4	32.5	34.3	36.6	16.5	2390	66	9570	250	1.15

Utigoflex Spiraled Steel Wire Hydraulic Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

EN 856 4SP Steel Wire Spiraled Hydraulic Hose

Application:

EN 856 4SP steel wire spiraled hydraulic hose is suitable for mine hydraulic support and the related equipment. The hose is resistant to flame and static.

It is almost similar to EN 856 4SH steel wire spiraled hydraulic hose in structure, but it can bear higher working pressure than EN 856 4SH steel wire spiraled hydraulic hose under the same temperature.

Applicable specs.: DIN EN 856 4SP, ISO 3862-1 4SP

Features:

1. Resistant to flame and static.
2. Resistant to abrasion and corrosion.
3. Resistant to high pressure.
4. Resistant to cut, weather, ozone, oil and aging.

Material:

Tube: High quality black synthetic rubber.

Reinforcement: Four layers of high tensile and high strength spiraled steel wire.

Cover: Black synthetic rubber.



Working temperature range:

-40°C to +100°C.

Specification:

Hose code	Size		Dash size	ID		WD		OD		Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	min	max	min	max	mpa	psi	mpa	psi	mm	kg/m
EN 856 4SP-4	6.3	1/4	-4	6.2	7.0	14.1	15.3	17.1	18.7	45.0	6525	180	26100	150	0.64
EN 856 4SP-6	10	3/8	-6	9.3	10.1	16.9	18.1	20.6	22.2	44.5	6450	178	25810	180	0.75
EN 856 4SP-8	12.5	1/2	-8	12.3	13.5	19.4	21.0	23.8	25.4	41.5	6020	166	24070	230	0.89
EN 856 4SP-10	16	5/8	-10	15.5	16.7	23.0	24.6	27.4	29.0	35.0	5075	140	20300	250	1.10
EN 856 4SP-12	19	3/4	-12	18.6	19.8	27.4	29.0	31.4	33.0	35.0	5075	140	20300	300	1.50
EN 856 4SP-16	25	1	-16	25.0	26.4	34.5	36.1	38.5	40.9	28.0	4060	112	16240	340	2.00
EN 856 4SP-20	31.5	1-1/4	-20	31.4	33.0	45.0	47.0	49.2	52.4	21.0	3045	84	12180	460	3.00
EN 856 4SP-24	38	1-1/2	-24	37.7	39.3	51.4	53.4	55.6	58.8	18.5	2680	74	10730	560	3.40
EN 856 4SP-32	51	2	-32	50.4	52.0	64.3	66.3	68.2	71.4	16.5	2390	66	9570	660	4.35

EN 856 4SH Steel Wire Spiraled Hydraulic Hose

Application:

EN 856 4SH steel wire spiraled hydraulic hose has higher working pressure performance, so it is perfectly suitable for extremely high pressure working conditions. It has excellent performance in delivering petroleum-based hydraulic fluids in the working temperature of -40°C to +100°C.

Applicable specs.: DIN EN 856 4SH, ISO 3862-1 4SH.

Features:

1. Resistant to abrasion, corrosion and oil.
2. Resistant to high pressure.
3. Resistant to weather, ozone, cut, aging.

Material:

Tube: Black synthetic rubber.

Reinforcement: Four layers of high tensile and high strength spiraled steel wire.

Cover: High quality black synthetic rubber.

Working temperature range:

-40°C to +100°C.



Specification:

Hose code	Size		Dash Size	ID		WD		OD		Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	min	max	min	max	mpa	psi	mpa	psi		
EN 856 4SH-12	19	3/4	-12	18.6	19.8	27.6	29.2	31.4	33.0	42.0	6090	168	24360	280	1.70
EN 856 4SH-16	25	1	-16	25.0	26.4	34.4	36.0	37.5	39.9	38.0	5510	152	22040	340	2.50
EN 856 4SH-20	31.5	1-1/4	-20	31.4	33.0	40.9	42.9	43.9	47.1	32.5	4710	130	18850	460	3.00
EN 856 4SH-24	38	1-1/2	-24	37.7	39.3	49.8	49.8	51.9	55.1	29.0	4205	116	16820	560	3.60
EN 856 4SH-32	51	2	-32	50.4	52.0	64.2	64.2	66.5	69.7	25.0	3625	100	14500	700	5.00

SAE 100 R9 Steel Wire Spiraled Hydraulic Hose

Application:

This hose is suitable for delivering petroleum-based hydraulic oils.

Applicable specs.: SAE J517 100 R9

Features:

1. Good resistance to oil and weather.
2. Good resistance to very high working pressure..
3. Having longer service life.

Material:

Tube: High quality oil resistant synthetic rubber.

Reinforcement: Four layers of high tensile and high strength spiraled steel wire in alternating direction.

Cover: Super high quality oil and weather resistant synthetic rubber.

Working temperature range:

-40°C to +100°C.



Specification:

Hose code	Size		Dash size	ID		WD		OD			Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	min	max	min	max	AT	mpa	psi	mpa	psi		
SAE 100 R9-6	10	3/8	-6	9.3	10.1	16.9	18.0	20.6	22.2	21.1	31.5	4570	126	18270	125	0.70
SAE 100 R9-8	12.5	1/2	-8	12.3	13.5	19.4	21.0	23.8	25.4	24.3	28.0	4060	112	16240	180	0.83
SAE 100 R9-12	19	3/4	-12	18.6	19.8	26.6	28.2	30.6	32.2	31.9	21.0	3045	84	12180	240	1.30
SAE 100 R9-16	25	1	-16	25.0	26.4	34.5	36.1	38.5	40.9	40.5	21.0	3045	84	12180	300	1.70
SAE 100 R9-20	31.5	1-1/4	-20	31.4	33.0	43.3	45.6	49.2	52.4	50.7	17.5	2540	70	12150	420	3.08
SAE 100 R9-24	38	1-1/2	-24	37.7	37.7	49.6	52.0	55.6	58.7	-	14.0	2030	56	8120	500	4.30
SAE 100 R9-32	51	2	-32	50.4	50.4	63.9	66.2	69.9	73.0	-	14.0	2030	56	8120	660	5.63

SAE 100 R12 Steel Wire Spiraled Hydraulic Hose

Application:

This hose is suitable for delivering petroleum-based hydraulic oils and it is mainly used in high pressure working conditions.

Applicable specs.: DIN EN856 R12, SAE J517 100 R12

Features:

1. Good resistance to oil .
2. Good resistance to extremely high pressure.
3. Good resistance to abrasion, corrosion, weather, ozone, cut, aging and sunlight.

Material:

Tube: High quality black oil resistant synthetic rubber.

Reinforcement: Four layers of high tensile and high strength thick spiraled steel wire in alternating direction.

Cover: High quality abrasion, weather and corrosion resistant synthetic rubber.



Working temperature range:

-40°C to +121°C.

Specification:

Hose code	Size		Dash size	ID		WD		OD		Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	min	max	min	max	mpa	psi	mpa	psi		
SAE 100 R12-6	10	3/8	-6	9.3	10.1	16.6	17.8	19.5	21.0	28.0	4060	112	16240	125	0.70
SAE 100 R12-8	12.5	1/2	-8	12.3	13.5	19.9	21.5	23.0	24.6	28.0	4060	112	16240	180	0.83
SAE 100 R12-10	16	5/8	-10	15.5	16.7	23.8	25.4	26.6	28.2	28.0	4060	112	16240	200	1.12
SAE 100 R12-12	19	3/4	-12	18.6	19.8	26.9	28.4	29.9	31.5	28.0	4060	112	16240	240	1.43
SAE 100 R12-16	25	1	-16	25.0	26.4	34.1	35.7	36.8	39.2	28.0	4060	112	16240	300	2.00
SAE 100 R12-20	31.5	1-1/4	-20	31.4	33.0	42.7	45.1	45.4	48.6	21.0	3045	84	12180	420	2.80
SAE 100 R12-24	38	1-1/2	-24	37.7	39.3	49.2	51.6	51.9	55.0	17.5	2540	70	10150	500	3.40
SAE 100 R12-32	51	2	-32	50.8	52.0	62.5	64.8	65.1	68.3	17.5	2540	70	10150	640	4.25

SAE 100 R13 Steel Wire Spiraled Hydraulic Hose

Application:

This hose is suitable for delivering petroleum-based hydraulic oils and it is also mainly used in high pressure working conditions.

Features:

1. Excellent performance in conveying petroleum-based hydraulic oils by made from black oil resistant synthetic rubber.
2. The reinforcement is made from multiple layers of high tensile and high strength thick spiraled steel wire in alternating direction, making the hose have extremely high working pressure.
3. Good resistance to abrasion, corrosion, cut, weather, ozone, aging and sunlight.
4. Having longer service life.

Applicable Specs.:

DIN EN856 R13, SAE J517 100 R13

Material:

Tube: High quality black oil resistant synthetic rubber.

Reinforcement: Multiple layers of high tensile and high strength thick spiraled steel wire in alternating direction.

Cover: High quality black abrasion, corrosion and weather resistant synthetic rubber.



Working temperature range:

-40°C to +121°C.

Specification:

Hose code	Size		Dash size	ID		WD		OD		Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	min	max	min	max	mpa	psi	mpa	psi		
SAE100 R13-12	19	3/4	-12	18.6	19.8	28.2	29.8	31.0	33.2	35.0	5075	140	20300	240	2.10
SAE100 R13-16	25	1	-16	25.0	26.4	34.9	36.4	37.6	39.8	35.0	5075	140	20300	300	2.88
SAE100 R13-20	31.5	1-1/4	-20	31.4	33.0	45.6	48.0	48.3	51.3	35.0	5075	140	20300	420	4.20
SAE100 R13-24	38	1-1/2	-24	37.7	39.3	53.1	55.5	55.8	58.8	35.0	5075	140	20300	500	5.00
SAE100 R13-32	51	2	-32	50.4	52.0	66.9	69.3	69.5	72.7	35.0	5075	140	20300	640	7.00

SAE 100 R15 Steel Wire Spiraled Hydraulic Hose

Application:

This hose is very popular in high pressure working conditions and it is suitable for petroleum-based hydraulic oils.

Applicable Specs.: SAE J517 100 R15 , ISO3862

Features:

- 1.The tube is made from black oil resistant synthetic rubber,making the hose widely used in delivering petroleum-based hydraulic oils.
- 2.The reinforcement is made from multiple layers of high tensile and high strength thick spiraled steel wire in alternating direction,making the hose have very high working pressure.
- 3.The cover is made from high quality synthetic rubber,making the hose resistant to abrasion,corrosion,weather,ozone,aging and cut.

Material:

Tube: High quality black oil resistant synthetic rubber.

Reinforcement: Multiple layers of high tensile and high strength thick spiraled steel wire in alternating direction.

Cover:High quality abrasion,corrosion and weather resistant synthetic rubber.



Working temperature range:

-40°C to +121°C.

Specification:

Hose code	Size		Dash Size	ID		WD	OD	Working pressure		Min burst Pressure		Min bending radius	Weight
	mm	inch		min	max	max	max	mpa	psi	mpa	psi	mm	kg/m
SAE 100 R15-6	10	3/8	-6	9.3	10.1	20.3	23.3	42	6090	168	24360	150	0.80
SAE 100 R15-8	12.7	1/2	-8	12.3	13.5	24.0	26.8	42	6090	168	24360	200	0.95
SAE 100 R15-12	19	3/4	-12	18.6	19.8	32.0	36.1	42	6090	168	24360	265	1.85
SAE 100 R15-16	25	1	-16	25.0	26.4	38.9	42.9	42	6090	168	24360	330	2.90
SAE 100 R15-20	31.5	1-1/4	-20	31.4	33.0	48.4	51.5	42	6090	168	24360	445	4.20
SAE 100 R15-24	38	1-1/2	-24	37.7	39.3	56.3	59.6	42	6090	168	24360	530	5.60

SAE 100 R3

Application:

This hose is suitable for delivering petroleum or water-based hydraulic fluids. It's mainly used in low pressure conditions and it is also used in pneumatic applications.

Applicable specs.: SAE J517 100 R3, ISO 4079 R3.

Features:

- 1.It's lightweight and flexible by made from two layers of braided textile reinforcement.
- 2.It doesn't react with petroleum or water-based hydraulic fluids by made from high quality oil resistant synthetic rubber.
- 3.Good resistance to oil, abrasion, corrosion and weather.
- 4.Easy to operate.
- 5.With longer service life.

Material:

Tube: High quality oil resistant synthetic rubber.

Reinforcement: Two layers of braided textile.

Cover: High quality abrasion, corrosion, weather and oil resistant synthetic rubber.



Working temperature range:

-40°C to +100°C.

Specification:

Hose code	Size		Dash size	ID		OD		Working pressure		Min burst pressure		Min bending radius	Weigh
	mm	inch		min	max	min	max	mpa	psi	mpa	psi	mm	kg/m
SAE 100 R3-3	5	3/16	-3	4.5	5.4	11.9	13.5	10.5	1520	42.0	6090	75	0.16
SAE 100 R3-4	6.3	1/4	-4	6.1	7.0	13.5	15.1	8.7	1260	35.0	5075	75	0.18
SAE 100 R3-5	8	5/16	-5	7.6	8.5	16.7	18.3	8.4	1220	33.5	4860	100	0.27
SAE 100 R3-6	10	3/8	-6	9.2	10.1	18.3	19.8	7.8	1130	31.5	4570	100	0.31
SAE 100 R3-8	12.5	1/2	-8	12.4	13.5	23.0	24.6	7.0	1015	28.0	4060	125	0.45
SAE 100 R3-10	16	5/8	-10	15.6	16.7	26.2	27.8	6.1	885	24.5	3550	140	0.53
SAE 100 R3-12	19	3/4	-12	18.7	19.8	31.0	32.5	5.2	750	21.0	3045	150	0.72
SAE 100 R3-16	25	1	-16	25.1	26.2	36.9	39.3	3.9	570	15.7	2280	205	0.90
SAE 100 R3-20	31.5	1-1/4	-20	31.4	32.9	42.9	46.0	2.6	380	10.5	1520	250	1.07

SAE 100 R4 Textile Braided Hydraulic Hose

Application:

This hose is mainly used for oil suction and delivery in the hydraulic systems.

Applicable specs.: SAE 100 R4

Features:

- 1.Excellent resistance to oil by made from high quality black,smooth and oil resistant synthetic rubber.
- 2.Having very solid structure by made from one layer or multiple layers of high strength braided textile with steel wire helix reinforcement.
- 3.Good resistance to abrasion,corrosion,weather,ozone,aging and cut by made from high quality synthetic rubber.
- 4.With longer service life.

Materials:

Tube: High quality black oil resistant synthetic rubber.

Reinforcement: One layer or multiple layers of high strength braided textile with steel wire helix.

Cover: High quality abrasion,corrosion,weather and ozone resistant synthetic rubber.

Working temperature range:

-40°C to +100°C.



Specification:

Hose code	Size		Dash Size	ID		OD	Working pressure		Min burst pressure		Min bending radius	Weight
	mm	inch		min	max	max	mpa	psi	mpa	psi		
SAE 100 R4-12	19	3/4	-12	18.2	19.8	34.9	2.1	305	8.4	1210	125	0.92
SAE 100 R4-16	25	1	-16	24.6	26.2	41.3	1.7	250	7.0	1015	150	1.10
SAE 100 R4-20	31.5	1-1/4	-20	30.6	33.0	50.8	1.4	200	5.6	810	200	1.30
SAE 100 R4-24	38	1-1/2	-24	36.9	39.3	57.2	1.05	150	4.2	610	255	1.80
SAE 100 R4-32	51	2	-32	49.2	52.4	69.9	0.7	100	2.8	410	300	2.23
SAE 100 R4-40	63	2-1/2	-40	61.9	65.1	82.6	0.4	60	1.7	250	355	3.23
SAE 100 R4-48	76	3	-48	74.6	77.8	95.3	0.4	60	1.6	230	460	4.25
SAE 100 R4-56	89	3-1/2	-56	87.3	90.5	107.9	0.3	40	1.25	180	530	5.05
SAE 100 R4-64	102	4	-64	100.0	103.2	120.7	0.25	40	1.0	145	610	5.60

SAE 100 R6

Application:

This hose is suitable for delivering petroleum or water-based hydraulic fluids and it is mainly used in low pressure conditions.

Features:

- 1.The tube is made from high quality black synthetic rubber, which is resistant to oil, abrasion and corrosion.
- 2.The reinforcement is made from one layer of braided textile, making the hose lightweight and flexible.
- 3.The cover is made from high quality synthetic rubber, which is resistant to abrasion, corrosion, weather, ozone, cut, aging and sunlight.
- 4.The hose has longer service life.

Applicable Specs.: SAE J516 100 R6, EN 854 1TE

Material:

Tube: High quality black oil resistant synthetic rubber.

Reinforcement: One layer of braided textile.

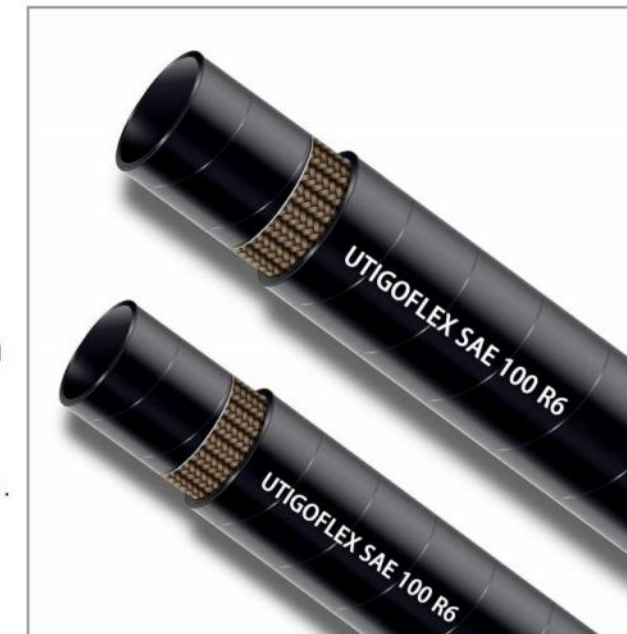
Cover: High quality abrasion, corrosion, weather, ozone resistant synthetic rubber.

Working temperature range:

-40°C to +100 °C.

Specification:

Hose code	Size		Dash Size	ID		OD	Working Pressure		Min Burst Pressure		Min bending radius	Weight
	mm	inch		min	max	max	mpa	psi	mpa	psi		
SAE100 R6-3	5	3/16	-3	4.2	5.4	10.3	3.5	510	14.0	2030	50	0.10
SAE100 R6-4	6.3	1/4	-4	5.6	7.2	11.9	2.8	410	11.2	1620	65	0.13
SAE100 R6-5	8	5/16	-5	7.2	8.8	13.5	2.8	410	11.2	1620	75	0.15
SAE100 R6-6	10	3/8	-6	8.7	10.3	15.1	2.8	410	11.2	1620	75	0.18
SAE100 R6-8	12.5	1/2	-8	11.9	13.5	19.0	2.8	410	11.2	1620	100	0.26
SAE100 R6-10	16	5/8	-10	15.1	16.7	22.2	2.4	350	9.8	1420	125	0.34
SAE100 R6-12	19	3/4	-12	18.3	19.9	25.4	2.1	310	8.4	1220	150	0.40



EN 854 1TE/2TE/3TE Textile Braided Hydraulic Hose

Application:
EN 854 1TE/2TE/3TE textile reinforced hydraulic hose is suitable for delivering petroleum-based hydraulic fluids and it is mainly used for medium pressure applications.

- Features:**
1. Widely used for delivering petroleum-based hydraulic oils.
 2. Resistant to oil, weather, abrasion and corrosion.
 3. Lightweight and have excellent flexibility.
 4. Easy to operate.
 5. Have long service life.
 6. Eliminate the vibration of the hydraulic lines.

Material:
Tube: High quality black oil resistant synthetic rubber.
Reinforcement: One layer or multiple layers of braided textile.
Cover: High quality oil, abrasion, corrosion and weather resistant synthetic rubber.

Working temperature range:
-40°C to +100°C.

Specification:

Nominal diameter	ID		OD						Max pressure			Burst pressure		
	All model		1TE		2TE		3TE		Model			Model		
	min	max	min	max	min	max	min	max	1TE	2TE	3TE	1TE	2TE	3TE
5	4.9	5.2	10.0	11.6	11.0	12.6	12.0	13.6	25	80	160	100	320	640
6	6.4	6.9	11.6	13.2	12.6	14.2	13.6	15.2	25	75	145	100	300	580
8	7.9	8.4	13.1	14.7	14.1	15.7	16.1	17.7	20	68	130	80	272	520
10	9.5	10.0	14.7	16.3	15.7	17.3	17.7	19.3	20	63	110	80	252	440
12	12.7	13.3	17.7	19.7	18.7	20.7	20.7	22.7	16	58	93	64	232	372
16	15.8	16.5	21.9	23.9	22.9	24.9	24.9	26.9	16	50	80	64	200	320
19	18.8	19.8	-	-	26.0	28.0	28.0	30.0	-	45	70	-	180	280
25	25.4	26.2	-	-	32.9	35.9	34.4	37.4	-	40	55	-	160	220
31	31.8	32.8	-	-	-	-	40.8	43.8	-	-	45	-	-	180
38	38.1	39.1	-	-	-	-	47.6	51.6	-	-	40	-	-	160
51	50.6	51.8	-	-	-	-	60.3	64.3	-	-	33	-	-	132
60	59.6	61.2	-	-	-	-	70.0	74.0	-	-	25	-	-	100
80	79.6	81.2	-	-	-	-	91.5	96.5	-	-	18	-	-	72
100	99.4	101.4	-	-	-	-	113.5	118.5	-	-	10	-	-	40

SAE 100 R7 Thermoplastic Hydraulic Hose

Application:
This hose is suitable for delivering synthetic, petroleum or water-based hydraulic fluids.

- Features:**
1. Non-conductive due to its appropriate materials.
 2. Good resistance to oil.
 3. Good resistance to weather and hydraulic fluids.

Material:
Tube: Nylon
Reinforcement: Suitable synthetic fiber.
Cover: Polyurethane

Working temperature range:
-40°C to +93°C

Specification:

Hose code	Size		Dash Size	ID		OD	Working Pressure		Min burst Pressure		Min bending radius	Weight
	mm	inch		min	max		mpa	psi	mpa	psi		
SAE 100 R7-3	5	3/16	-3	4.6	5.4	11.4	21	3045	84	12180	90	0.073
SAE 100 R7-4	6.3	1/4	-4	6.2	7.0	13.7	19.2	2780	77	11165	100	0.090
SAE 100 R7-5	8	5/16	-5	7.7	8.5	15.6	17.5	2535	77	10150	115	0.128
SAE 100 R7-6	10	3/8	-6	9.3	10.3	18.4	15.7	2275	63	9135	125	0.155
SAE 100 R7-8	12.5	1/2	-8	12.3	13.5	22.5	14	2030	56	8120	180	0.224
SAE 100 R7-10	16	5/8	-10	15.5	16.7	25.8	10.5	1520	42	6090	205	0.277
SAE 100 R7-12	19	3/4	-12	18.6	19.8	28.6	8.7	1260	35	5075	240	0.330
SAE 100 R7-16	25	1	-16	25.0	26.4	36.7	7	1015	28	4060	300	0.403

SAE 100 R8 Thermoplastic Hydraulic Hose

Application:

This hose is suitable for delivering synthetic,petroleum or water-based hydraulic fluids and it is mainly used in high pressure working conditions.

Features:

- 1.Good resistance to hydraulic fluids.
- 2.Good resistance to weather.
- 3.Having longer service life.

Material:

Tube: Nylon

Reinforcement: Suitable synthetic fiber.

Cover: Polyurethane

Working temperature range:

-40°C to +93°C.



SAE 100 R14 Stainless Steel Wire Braided with PTFE Hose

Application:

This hose is suitable for delivering petroleum or water-based hydraulic fluids.
This kind of hose can be divided into two kinds according to the structure and material:type A and type B.

Features:

(Type A)The tube is made from polytetrafluoroethylene(PTFE)and the reinforcement is made from one layer of 303 XX stainless steel.

(Type B) It is almost similar to type A in structure,but it has an inner surface which is electrically conductive.

And the inner surface is used to prevent the electrostatic charge.

Material:

Type A:it is composed of tube and reinforcement.

The tube is made from PTFE and the reinforcement is made from one layer of 303 XX stainless steel.

Type B:it is composed of inner surface,tube and reinforcement.

The tube is made from PTFE and the reinforcement is made from one layer of 303 XX stainless steel.



Working temperature range:

-54°C to +204°C.

Specification:

Hose code	Size		Dash Size	ID		OD		Working Pressure		Min burst Pressure		Min bending radius
	mm	inch		min	max	min	max	mpa	psi	mpa	psi	
SAE 100 R14-2	3.2	1/8	-2	2.8	3.8	5.3	6.8	10.5	1523	82.7	11992	40
SAE 100 R14-3	5	3/16	-3	4.4	5.2	7.1	8.2	10.5	1523	68.9	9990	50
SAE 100 R14-4	6.3	1/4	-4	6.0	6.9	8.9	10.1	10.5	1523	62.0	8990	75
SAE 100 B14-5	8	5/16	-5	7.5	8.4	10.4	11.6	10.5	1523	55.2	8004	100
SAE 100 R14-6	10	3/8	-6	9.1	10.0	12.2	13.4	10.5	1523	48.3	7004	125
SAE 100 R14-7	11	7/16	-7	9.9	10.9	12.9	14.3	7	1015	41.4	6003	135
SAE 100 R14-8	12.5	1/2	-8	12.3	13.3	15.3	16.8	5.6	812	41.4	6003	165
SAE 100 R14-10	16	5/8	-10	15.3	16.5	18.6	20.1	5.6	812	34.5	5003	200
SAE 100 R14-12	19	3/4	-12	18.4	19.6	21.3	23.3	5.6	812	27.6	4002	230
SAE 100 R14-14	22	7/8	-14	21.4	23.0	24.6	26.9	5.6	812	24.1	3495	230
SAE 100 R14-16	25	1	-16	24.6	26.2	27.8	29.8	5.6	812	24.1	3495	300
SAE 100 R14-18	29	1-1/8	-18	27.8	29.4	31.9	31.9	4.2	609	17.2	2494	410

AIR & Water Hose

Application:

General service air and water in industrial, agriculture and construction applications.

Features:

1. Abrasion and ozone resistant.
2. Flexible and easy to handle.
3. Resistant to high temperature up to 93°C.
4. Color available: red and black.

Material:

EPDM tube, red EPDM cover, reinforcement is single or multiple layers of spiraled polyester yarn.

Working temperature range:

-40 °F (-40 °C) to +200 °F (+93 °C)



Specification:

ID	OD	W.P.	B.P.	Weight	Min Bend Radius
mm	mm	bar	bar	kg/m	mm
6	13	20	100	0.12	38.10
8	16	20	100	0.13	50.08
10	18	20	100	0.22	57.15
13	22	20	100	0.37	76.20
16	26	20	100	0.45	95.25
19	29	20	100	0.61	114.30
25	37	20	100	0.76	177.80
32	43	13	65	1.21	222.25
38	51	13	65	1.34	266.70
51	64	13	65	1.9	355.60

Chemical Suction & Discharge Hose

Application:

Our rubber chemical hoses are specifically manufactured for the transfer of harsh chemicals and media, conveying liquids such as organic and inorganic acids, ketones, paints, esters, aromatic and aliphatic hydrocarbons (dependent on the liner). All types are highly suitable for external applications due to their EPDM outer cover.

Features:

1. Excellent resistance to acid and alkali.
2. Excellent resistance to ozone and weathering.
3. Additional wire helix reinforcement that helps the hose maintain its properties under vacuum applications.
4. Super flexible.
5. Plane surface and corrugated surface are available.

Material:

Tube: UHMWPE+EPDM.

Reinforcement: High tensile textile cord with helix steel wire.

Cover: EPDM synthetic rubber.



Working temperature range

-40°C to +121°C

Specification:

20 bar working pressure is available.

ID		OD	WP		BP		BR	Weight	Length	
mm	inch	mm	psi	bar	psi	bar	mm	kg/m	ft	m
19	3/4"	30	150	10	450	30	100	0.67	200	61
25	1"	36	150	10	450	30	150	0.84	200	61
32	1-1/4"	44	150	10	450	30	190	1.2	200	61
38	1-1/2"	51	150	10	450	30	220	1.5	200	61
51	2"	64	150	10	450	30	300	1.93	200	61
64	2-1/2"	78	150	10	450	30	380	2.55	200	61
76	3"	90	150	10	450	30	450	3.08	200	61
102	4"	120	150	10	450	30	550	4.97	200	61
152	6"	171	150	10	450	30	750	8.17	100	30.5

Steam Hose

Application;

This hose is suitable for conveying the saturated steam and hot water, The transfer of saturated steam up to 270 PSI and 410°F(+210°C).

Selecting and using steam hose:

- 1.Make sure steam hose is identified as a steam hose. it should be branded as such, stating working pressure and temperature rating.
- 2.Make sure working pressure and temperature is not exceeded.
- 3.Do not allow hose to remain under pressure when not in use.
- 4.Avoid excess bending or flexing of hose near the coupling. Straight line operation is preferred. if bends are necessary as part of operation, spring guards may help.
- 5.Be sure and use recommended steam hose couplings and clamps on hose.
- 6.Safety factor 10:1



Construction:

Tube: Black extruded EPDM heat - resistant.

Not for steam cleaner use.

Reinforcement: High tensile steel wire braids (1/2" ID - 1 wire braid, 3/4" and higher ID's - 2 wire braids).

Cover: Red or black EPDM - heart resistant, Wrapped cover fabric impression. Pin-pricked cover to allow venting.

Working pressure:

Constant pressure - 18 Bar (270 PSI).

Working temperature range: -40°F (-40°C) ~ +410°F (+210°C)

Specification:

ID		OD		Max Rec. WP	Min. Bending Radius At 68° F	Standard Length	Weight
inch	mm	inch	mm	psi	inch	ft	lbs/ft
1/2	13	0.91	23	270	5	50/100	0.28
3/4	19	1.22	31	270	7 1/2	200	0.52
1	25	1.50	38	270	10	50/100	0.60
2	51	2.64	64	270	20	50/100	1.38
2 1/2	63	3.19	78.5	270	25	100	1.99
3	76	3.70	87	270	30	100	2.50

Fuel & Oil Delivery Hose

Application:

Is specially designed for delivery of gasoline,diesel,biodiesel, hydraulic oil,lubricant, etc.It's also suitable for the oil products with the contents of aromatic up to 50%

Features:

1. Anti-static electricity with copper wire available for 1-1/4" and above size.
- 2.Resistant to oil and Fuel
- 3.Resistant to abrasion,corrosion,weather,ozone,aging and sunlight.
- 4.Reference Standard:SAE J30

Material:

Tube: Smooth black fuel resistant NBR

Reinforcement: High strength polyester braided

Cover: Smooth black ozone and wear proof rubber



Working temperature range:

-20°C to +80°C

Specification:

ID		OD	WP		BP		Min Bending Radius	Weight
inch	mm	mm	bar	psi	psi	inch	mm	kg/m
3/16	5	10.5	2.0	300	6.0	900	25	0.10
1/4	6	13	2.0	300	6.0	900	30	0.12
5/16	8	15	2.0	300	6.0	900	40	0.13
3/8	10	16	2.0	300	6.0	900	50	0.22
1/2	12	22	2.0	300	4.0	900	60	0.48
5/8	16	25.5	2.0	300	4.0	900	80	0.59
3/4	19	28.5	2.0	300	4.0	900	100	0.65
7/8	22	31.5	2.0	300	4.0	900	130	0.77
1	25	35	2.0	300	4.0	900	150	0.93
1-1/4	32	43	2.0	300	4.0	900	175	1.15
1-3/8	35	47	2.0	300	4.0	900	200	1.27
1-1/2	38	50	2.0	300	4.0	900	225	1.4
2	50	63	2.0	300	4.0	900	275	1.8

Fuel and Oil Diesel Suction & Discharge Hose

(For Tank Truck Aircraft Refuelling System)

Application:

This hose is specially designed for delivery of fuel, gasoline, diesel and oil or other petroleum products with aromatic content up to 50%.

Features:

- 1.It with stands the full vacuum by helix steel wire reinforcement.
- 2.Resistant to oil.
- 3.Resistant to abrasion,corrosion,weather,ozone,aging and sunlight.
- 4.Anti-static copper wire can be available upon request.

Material:

Tube: NBR

Reinforcement: One or multiple high tensile textile cord,with spiral steel wire and anti-static copper wire.

Cover: NBR+Neoprene.

Working temperature range:

-20°C ~ 80°C.

Specification:

20 bar working pressure is available.



ID		OD	WP	BR	Weight	Length	
mm	inch	mm	bar	mm	kg/m	ft	m
19	3/14"	30	10-20	100	0.69	200	61
25	1"	36	10-20	150	0.86	200	61
32	1-1/4"	44	10-20	190	1.23	200	61
38	1-1/2"	51	10-20	220	1.54	200	61
51	2"	64	10-20	300	1.98	200	61
64	2-1/2"	78	10-20	380	2.61	200	61
76	3"	90	10-20	450	3.16	200	61
102	4"	120	10-20	550	5.08	200	61
152	6"	171	10-20	750	8.34	100	30.5
203	8"	224	10-20	1100	12.71	100	30.5

Liquid Petroleum Gas (LPG) Rubber Hose

Application:

This hose is suitable for transfer of LPG (Liquid Petroleum Gas) and CNG (Compressed Natural Gas).

Applicable specs: EN1762:1997

EN13760:2018

Features:

1. Good resistance to high working pressure because of its high tensile braided steel wire reinforcement.
2. Having excellent performance in delivering LPG and CNG by made of permeation resistant synthetic rubber.
3. Good resistance to abrasion, corrosion, weather, ozone, aging, sunlight and cut.
4. Extremely long service life.
5. Electrical resistance: $R < 10^6$ ohm

Material:

Tube: Permeation resistant synthetic rubber.

Reinforcement: One layer of high tensile braided steel wire.

Cover: Braided fiber

Working temperature range:

-40°C~+70°C

Specification:

Hose ID		I.D.	O.D.	Working Pressure		Burst Pressure		Min.Bend Radius	Weight	Length Per PCS
inch	mm	mm	mm	bar	psi	bar	psi	mm	kgs/m	meter
3/8"	9.5	9.3-10.1	18.8 MAX.	25	362.5	100	1450	90	0.39	50/100
1/2"	12.7	12.3-13.5	22.7 MAX.	25	362.5	100	1450	100	0.472	50/100
5/8"	16	15.5-16.7	25.9 MAX.	25	362.5	100	1450	125	0.581	50/100
3/4"	19	18.6-19.8	31.0 MAX.	25	362.5	100	1450	160	0.69	50/100
1"	25.4	25.0-26.4	38.0 MAX.	25	362.5	100	1450	200	0.83	50/100
1-1/4"	31.8	31.4-33.0	45.0 MAX.	25	362.5	100	1450	250	1.325	20/40
1-1/2"	38.1	37.7-39.3	52.1 MAX.	25	362.5	100	1450	320	1.5	20/40
2"	50.8	50.4-52.0	66.0 MAX.	25	362.5	100	1450	400	1.875	20/40



Drilling Hose

Application:

It's applied in oil fields, well cementing, well repairing, geological explorations, small drilling machine, and water conveyance at coal excavations.
It is used to carry slurry, water and other fluids at environmental temperature.

Construction:

It is composed of an inner rubber protection layer, middle rubber layer, steel wire spiral layer and external rubber cover.

Specification:

Hose ID	Outer wire diameter	Hose OD	Working Pressure		Test Pressure		Burst Pressure		Min Bend Radius	Weight
inch	mm	mm	Mpa	psi	Mpa	psi	Mpa	psi	mm	kg/m
64±1.0	73.4±1.5	77±2.0	10.3	1493	20.6	2987	30.9	4480	900	6.4
76±1.0	93±1.5	98±2.0	10.3	1493	20.6	2987	30.9	4480	1200	8.5
89±1.4	106±1.5	111±2.0	10.3	1493	20.6	2987	30.9	4480	1400	11
102±1.5	119±2.0	124±3.0	10.3	1493	20.6	2987	30.9	4480	1400	13.6
127±1.5	135±2.0	140±3.0	10.3	1493	20.6	2987	30.9	4480	1600	15.5
152±2.0	173±3.0	180±4.0	10.3	1493	20.6	2987	30.9	4480	1700	18
203±2.0	225±3.0	232±4.0	10.3	1493	20.6	2987	30.9	4480	3050	24
254±2.0	280±3.0	288±4.0	10.3	1493	20.6	2987	30.9	4480	3810	30
305±2.0	330±3.0	338±4.0	10.3	1493	20.6	2987	30.9	4480	4510	36
38±1.0	52.5±1.0	55±1.5	35	5075	70	10143	87.5	12679	600	4.62
45±1.0	58.5±1.0	62±1.5	35	5075	70	10143	87.5	12679	700	5.2
51±1.0	65.5±1.0	69.3±1.5	35	5075	70	10143	87.5	12679	900	5.7
64±1.0	79.9±1.5	84±2.0	35	5075	70	10143	87.5	12679	900	6.7
76±1.0	104±1.5	109±2.0	35	5075	70	10143	87.5	12679	1200	16.2
89±1.4	117±1.5	122±2.0	35	5075	70	10143	87.5	12679	1400	18.4
102±1.5	129±2.0	135±3.0	35	5075	70	10143	87.5	12679	1400	20.3
127±1.5	144.5±2.0	150.5±3.0	35	5075	70	10143	87.5	12679	1600	22.5
152±2.0	184±3.0	192±4.0	16	2320	32	4640	48	6960	1700	24
51±1.0	69.2±1.0	73±1.5	70	10150	140	20230	175	25400	900	6.2
64±1.0	85±1.5	89.5±2.0	70	10150	140	20230	175	25400	900	7.4
76±1.0	135.5±1.5	118.5±2.0	70	10150	140	20230	175	25400	1500	23.7
89±1.4	124.5±1.5	129.5±2.0	70	10150	140	20230	175	25400	1500	26.6
102±1.5	136.5±2.0	141.5±3.0	70	10150	140	20230	175	25400	1500	29.8



Air Compressor Hose (Wire Braid)

Application:

This hose is used for air compressor, connecting to the air tank by using a quick connect coupling. It is suitable for a wide range of industrial and agricultural applications in air tools and air compressors that need to handle compressed air.

Features:

- 1.Oil mist resistant tube.
- 2.Anti-aging synthetic rubber.
- 3.Weather and ozone resistant.
- 4.Excellent abrasion resistance.

Material:

Tube: Oil resistant synthetic rubber.

Reinforcement: One or two layers of braided steel wire.

Cover: synthetic rubber with high ozone,weather and heat resistance.

Working temperature range:

-20°C~80°C.

Specification:

ID		OD	Working pressure		Min durst pressure		Min bending radius	Weigh
mm	inch	mm	mpa	psi	mpa	psi	mm	kg/m
6	1/4	13	22.5	3260	90	13000	100	0.24
8	5/16	15	21.5	3110	86	12500	114	0.28
10	3/8	18	18	2610	72	10400	127	0.34
12	1/2	23	16	2320	64	9300	178	0.435
16	5/8	26	13	1880	52	7500	200	0.505
19	3/4	29	10.5	1520	42	6000	240	0.645
25	1	36	8.8	1270	35.2	5100	300	0.980
31	1-1/4	43.5	6.5	940	26	3700	420	1.305
38	1-1/2	49.5	5	720	20	3000	500	1.55
51	2	65	9	1300	36	5200	630	2.83
60	2-3/8	75	5	720	20	2900	680	2.9
64	2-1/2	78	4	580	16	2320	780	3.1





Rubber Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

Air Compressor Hose (Cord Braid)

Application:

Used to shipyards, compressed air equipment, mining, civil construction engineering, casting engineering, CNC machinery and other air and inert gases.

Features:

- 1.Oil mist resistant tube.
- 2.Anti-aging synthetic rubber.
- 3.Weather and ozone resistant.
- 4.Excellent abrasion resistance.

Material:

Tube: Black, smooth, NR and SBR synthetic rubber.

Reinforcement: High streng synthetic cord.

Cover: The appearance of hose is bright.Outer layer' s ozone-resistance property conform to the standard of ISO 7326:2016,IDT.



Temperature:

-20°C ~ +80°C.

Specification:

ID		OD	Working pressure		Min durst pressure		Min bending radius	Weigh
mm	inch	mm	mpa	psi	mpa	psi	mm	kg/m
6	1/4	13	20	300	60	900	100	0.24
8	5/16	15	20	300	60	900	114	0.28
10	3/8	18	20	300	60	900	127	0.34
12	1/2	23	20	300	60	900	178	0.435
16	5/8	26	20	300	60	900	200	0.505
19	3/4	29	20	300	60	900	240	0.645
25	1	36	20	300	60	900	300	0.980
31	1-1/4	43.5	20	300	60	900	420	1.305
38	1-1/2	49.5	20	300	60	900	500	1.55
51	2	65	20	300	60	900	630	2.83
60	2-3/8	75	20	300	60	900	680	2.9
64	2-1/2	78	20	300	60	900	780	3.1



Rubber Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

High Pressure Washing Hose

Application:

Used for water pressure washer.

Material:

Inner Tube: Synthetic rubber

Reinforcement: One or two high tensile steel wire braids, or four high Tensile steel wire spirals

Cover: Environment resistant synthetic rubber (wrap or smooth cover, and more colors)

Working temperature range:

-40°C ~ 155°C .

Bigger working pressure requirement is available upon request



Specification:

ID		OD	Working Pressure		BP		BR	Weight
mm	inch	mm	mpa	psi	mpa	pai	mm	kg/m
6.3	1/4"	14.1	27.5	4000	82.5	12000	100	0.23
8.0	5/16"	15.7	27.5	4000	82.5	12000	115	0.27
10.0	3/8"	18.1	27.5	4000	82.5	12000	125	0.34
12.5	1/2"	21.4	20.5	3000	61.5	8920	180	0.43
6.3	1/4"	15.7	41.5	6000	124.5	18000	100	0.34
8.0	5/16"	17.3	41.5	6000	124.5	18000	115	0.39
10.0	3/8"	19.7	41.5	6000	124.5	18000	130	0.49
12.5	1/2"	23	34.5	5000	103.5	15000	180	0.59
9.5	3/8"	21.4	82.8	12000	207.0	30000	152	0.85
12.7	1/2"	25.5	82.8	12000	207.0	30000	200	1.20
19.0	3/4"	32.0	82.8	12000	207.0	30000	241	1.95

Marine High Pressure Oil Conveying Hose

Application:

This hose is suitable for the transportation of submarine natural gas, oil, petroleum and other media.

Features:

1. Good resistance to abrasion and corrosion.
2. Extremely durable by made of synthetic rubber and spiraled steel wire reinforcement.
3. Extremely long service life.

Material:

Tube: Abrasion resistant synthetic rubber.

Reinforcement: High tensile spiraled steel wire.

Cover: Abrasion resistant synthetic rubber.

Working temperature range:

-40°C ~ 100°C

Specification:

Size ID x Layer No.	ID		Tolerance	Steel wire layer diameter		OD	Tolerance	Working Pressure	Min bending radius
	inch	mm		size	tolerance				
152 x 2SP	6	152	2	173	3	180	4	8	2280
203 x 2SP	8	203	2	225	3	232	4	8	3050
254 x 2SP	10	254	2	280	3	288	4	8	3810
305 x 2SP	12	305	2	330	3	338	4	8	4510
152 x 4SP	6	152	2	184	3	192	4	16	2580
203 x 4SP	8	203	2	236	3	243	4	16	3350
254 x 4SP	10	254	2	291	3	299	4	16	4110
305 x 4SP	12	305	2	341	3	350	4	16	4810



Sand Blast Hose

Application:

It's used for sand blasting and rust removal on metal surface, matching with sand removing machine.

Features:

It adopts excellent abrasion resistant rubber for inner protection rubber layer, with good pressure-resistant property.

Material:

Tube: NR, BR, SBR.

Reinforcement: high tensile textile or braided steel wire.

Cover Compound: NR, SBR.

Working temperature range:

-40°C ~ +80°C



Specification:

Hose ID		Hose OD	Working Pressure		Burst Pressure		Wall Thickness	Weight	Length
inch	mm	mm	mpa	psi	mpa	psi	mm	kg/m	m
3/4	19.1	32	1.2	170	3.6	510	4	0.66	60
1	25.4	38.4	1.2	170	3.6	510	4	0.89	60
1-1/4	31.8	47.8	1.2	170	3.6	510	5	1.29	60
1-1/2	38	55	1.2	170	3.6	510	5	1.57	60
2	51	69.8	1.2	170	3.6	510	5.5	2.39	60
2-1/2	64	83.6	1.2	170	3.6	510	6	2.98	60
3	76	99.2	1.2	170	3.6	510	6	4.30	60
4	102	126.4	1.2	170	3.6	510	6	5.74	60
5	127	151.4	1.2	170	3.6	510	6	7.00	60
6	152	177.6	1.2	170	3.6	510	6	8.87	60

Material Suction & Discharge Hose

Application:

This hose is ideally used for transfer of granular materials & slurry, mud dry cement, pebble lime and other abrasive media.

Material:

Tube: Water/ Oil/ Mud resistant Synthetic rubber

Reinforcement: Textile Braids and one high tensile steel wire helix

Cover compound: Environment resistant Synthetic rubber

Working temperature range:

-40°C~80°C.



Specification:

ID		OD	Working Pressure	Bursting Pressure	Minimum Bend Radius	Weight
inch	mm	mm	mpa	mpa	mm	kg/m
3/4	19	29	1.0-2.0	3.0-6.0	38	0.75
1	25.4	35	1.0-2.0	3.0-6.0	50	0.93
1-1/4	31.8	42	1.0-2.0	3.0-6.0	64	1.25
1-1/2	38.1	48	1.0-2.0	3.0-6.0	76	1.54
2	51	62	1.0-2.0	3.0-6.0	306	1.81
2-1/2	64	77	1.0-2.0	3.0-6.0	378	2.28
3	76	92	1.0-2.0	3.0-6.0	456	2.93
4	102	120	1.0-2.0	3.0-6.0	612	4.95
5	127	147	1.0-2.0	3.0-6.0	762	7.80
6	152	172	1.0-2.0	3.0-6.0	912	10.0
8	203	227	1.0-2.0	3.0-6.0	1650	15.0
10	254	282	1.0-2.0	3.0-6.0	2035	20.0
12	305	341	1.0-2.0	3.0-6.0	2600	28.5

Concrete Pump Hose

Application:

The concrete hose are high pressure pumping components designed to pump concrete and other abrasive mixtures, apply to construction machinery like pump truck to delivery concrete etc.

Features:

- 1.Highly abrasion resistant.
- 2.Good resistance to ozone and weather.
- 3.NR/SBR rubber compound tube and cover (cloth impression) with multi ply synthetic fabric or steel wire braiding.
- 4.There are optional inner diameter, and length in terms of size. You can also choose different W.P and B.P to match your devices.

Material:

Tube: Black,smooth,Abrasion resistant NR/SBR compound

Reinforcement: Four Layers

Steel Cords

Cover: Black,smooth cloth impression,NR/SBR compound abrasion cover,resistant to abrasion, cutting, gouging and weather.

Working temperature range:

-40°C (-40°F) ~ 70°C (158°F) .

Specification:

Specification	Hose ID	Wall thickness and tolerance	Hose OD	Cord ply	Working Pressure	Min Bending Radius	Weight
	mm	mm	mm		mpa	mm	kg/m
Steel cord reinforced con							
2"	51 ± 0.7	4.0 ± 0.5	69 ± 1.5	2	8.5	200	2.8
2.5"	64 ± 0.8	4.2 ± 0.5	86 ± 1.5	2/4	8.5	250	4.3
3"	76 ± 1.0	5.5 ± 0.5	102 ± 1.5	4	8.5	270	6
3.5"	89 ± 1.0	5.5 ± 0.5	116 ± 1.5	4	8.5	290	7.5
4"	102 ± 1.0	5.5 ± 0.5	130 ± 1.75	4	8.5	300	7.1
4.5"	114 ± 1.0	5.5 ± 0.5	143 ± 2.0	4	8.5	320	10.5
5"	127 ± 1.0	5.5 ± 0.5	158 ± 2.0	4	8.5	360	12.8
6"	150 ± 1.0	5.5 ± 0.5	186 ± 2.0	4	8.5	570	17



Food Grade Hose

Application:

This hose is specially designed for suction and discharge of food, potable water, animal fat and vegetable oils etc.

Features:

1. Highly resistant to animal fat and vegetable oils.
2. Steel wire reinforcement is available for suction purpose.
3. Highly flexible.
4. Food grade.

Material:

Tube: NBR

Reinforcement: High tensile textile cord, steel wire available.

Cover: NBR

Working temperature range:

-20°C ~ 120 °C.



Specification:

20 bar working pressure is available.

ID		OD	WP	BP	BR	Weight	Length	
mm	inch	mm	bar	bar	mm	kg/m	ft	m
19	3/4"	30	10-20	30-60	100	0.67	200	61
25	1"	36	10-20	30-60	150	0.84	200	61
32	1-1/4"	44	10-20	30-60	190	1.2	200	61
38	1-1/2"	51	10-20	30-60	220	1.5	200	61
51	2"	64	10-20	30-60	300	1.93	200	61
64	2-1/2"	78	10-20	30-60	380	2.55	200	61
76	3"	90	10-20	30-60	450	3.08	200	61
102	4"	120	10-20	30-60	550	4.97	200	61
152	5"	171	10-20	30-60	750	8.17	200	30.5

Hot Water Hose

Application:

This hose is widely used in food factories to delivery hot water, beer etc.

Features:

1. Good resistance to heat.
2. Steel wire reinforcement is available for suction purpose.
3. Highly flexible.
4. Easy to operate.

Material:

Tube: EPDM

Reinforcement: High tensile textile cord, steel wire available.

Cover: EPDM

Safety factor: 4:1

Working temperature range:

-40°C ~ 150°C.



Specification:

20 bar working pressure is available.

ID		OD	WP		BP		BR	Weight	Length	
mm	inch	mm	psi	bar	psi	bar	mm	kg/m	ft	m
6	1/4"	14	150	10	600	40	60	0.17	328	100
8	5/16"	16	150	10	600	40	80	0.20	328	100
10	3/8"	18	150	10	600	40	100	0.24	328	100
13	1/2"	22	150	10	600	40	130	0.34	328	100
16	5/8"	26	150	10	600	40	160	0.45	328	100
19	3/4"	29	150	10	600	40	190	0.52	328	100
25	1"	37	150	10	600	40	250	0.70	328	100
32	1-1/4"	44	150	10	600	40	250	1.01	200	61
38	1-1/2"	51	150	10	600	40	300	1.17	200	61
51	2"	65	150	10	600	40	400	1.74	200	61
64	2-1/2"	78	150	10	600	40	500	2.20	200	61
76	3"	92	150	10	600	40	600	2.98	200	61
102	4"	119	150	10	600	40	800	4.06	200	61

Flat Rubber hose

Application:

Conveying granular objects, such as lime and sand, widely used in industries, such as construction and mining.

Inner: NR+BR

Cover: NR+SBR

Working Temperature: -

20°C~80°C.

SafetyFactor: 3:1

Color: Back,brown



Note: Specifications, colors, etc, can, be customized according to requirements

Specification:

ID	Wall Thickness	MAX Length		ID	Wall Thickness	MAX Length
mm	mm	m		mm	mm	m
102	4-6	5		254	4-6	5
114	4-6	5		273	4-6	5
125	4-6	5		304	4-6	5
140	4-6	5		325	4-6	5
152	4-6	5		350	4-6	5
168	4-6	5		400	4-6	5
180	4-6	5		450	4-6	5
203	4-6	5		500	4-6	5
219	4-6	5		600	4-6	5

Ship to Shore Oil Hose

Application:

Ship to Shore Hose is designed for loading and unloading of crude oil, liquid petroleum products, chemicals up to 50% aromatic content from shore facilities or storage tanks to ships or barges, bunkering service and industrial applications.

Features:

- 1.Max 55% aromatic content resistance.
- 2.Special Safe lining design.
- 3.Heavy-duty design with a high safety factor.
- 4.High axial load hose.
- 5.Electrically continuous (discontinuous on request).

Material:

Tube: Black NBR.

Reinforcement: High tensile textile cords with embedded helix steel wire.

Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant.

Temperature Range:

-22°F to 176°F (-30°C to 80°C).



Specification:

10bar, 20bar and 30bar working pressure are available.

Size	I.D.	W.P.	B.P.	Length
inch	mm	bar	bar	m
1"	25	10	30	61
1-1/4"	32	10	30	61
1-1/2"	38	10	30	61
2"	51	10	30	61
2-1/2"	64	10	30	61
3"	76	10	30	61
3-1/2"	90	10	30	61
4"	102	10	30	61
5"	127	10	30	30
6"	152	10	30	30
8"	203	10	30	20
10"	254	10	30	20
12"	300	10	30	12
14"	350	10	30	12
16"	400	10	30	12
18"	450	10	30	12
20"	500	10	30	12

Rubber Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

Ship To Ship Oil Hose

Application:

Ship-to-Ship Hose (STS Hose) is marine hose specifically designed to transport fluids such as crude oil, petroleum products, liquefied natural gas (LNG), chemicals and other bulk liquids between two vessels at sea positioned adjacent one another. STS operations are widely utilized within the maritime industry for cargo transfer operations as well as bunkering vessels (refueling), fluid transfer activities - where STS offshore hoses play an integral part in making all this possible safely and efficiently.

Features:

- 1.Max 55% aromatic content resistance.
- 2.Special Safe lining design.
- 3.Heavy-duty design with a high safety factor.
- 4.High axial load hose.
- 5.Electrically continuous (discontinuous on request).

Material:

Tube: NBR.

Reinforcement: High tensile textile cords with embedded helix steel wire.

Cover: Black CR- abrasion, ozone, sea water and hydrocarbon resistant.

Temperature Range:

-22°F to 176°F (-30°C to 80°C).

Specification:

10bar, 20bar and 30bar working pressure are available.

Size	I.D.	W.P.	B.P.	Length
inch	mm	bar	bar	m
1"	25	10	30	61
1-1/4"	32	10	30	61
1-1/2"	38	10	30	61
2"	51	10	30	61
2-1/2"	64	10	30	61
3"	76	10	30	61
3-1/2"	90	10	30	61
4"	102	10	30	61
5"	127	10	30	30
6"	152	10	30	30
8"	203	10	30	20
10"	254	10	30	20
12"	300	10	30	12
14"	350	10	30	12
16"	400	10	30	12
18"	450	10	30	12
20"	500	10	30	12



Rubber Hose

YOUR FLEXIBLE HOSE & DUCTING SOLUTIONS SUPPLIER

Dredging Hose

Application:

- 1.River/sea dredging operations
- 2.Sand & gravel extraction
- 3.Mining slurry transport
- 4.Land reclamation projects

Features:

Ultra-Wear Resistant – Special compound rubber with extremely thick wall

Floatable Design – Optional foam-filled construction

Reinforced Structure – High tensile textile cord with steel wire helix

Corrosion Resistant – Inner liner resists saltwater & abrasives

Safety factor: 3:1

Materials:

Tube: NR,BR,SBR

Reinforcement: High strength textile cord with helix steel wire

Cover: NR,CR

Working temperature:

-20°C to 80°C



Note: Specifications, colors, etc, can, be customized according to requirements

Specification:

Size		WP		BP		Bending Radius	Length
mm	inch	psi	bar	psi	bar	mm	mm
204	8"	250	17	725	50	70	≤20000
254	10"	250	17	725	50	80	≤20000
305	12"	250	17	725	50	110	≤1200
350	14"	250	17	725	50	150	≤1200
400	16"	250	17	725	50	180	≤1200
500	20"	250	17	725	50	245	≤1200
600	24"	250	17	725	50	300	≤1200
800	32"	250	17	725	50	400	≤1200
1000	40"	250	17	725	50	500	≤1200
1200	48"	250	17	725	50	600	≤1200

Floating Dredging Hose

Application:

1. Offshore sand/gravel extraction
2. Deep-sea mining operations
3. Harbor dredging projects
4. River maintenance dredging
5. Ideal as a connection to submarine or overland pipelines

Features:

Triple-Protected Cover – Weather/UV/ozone-resistant rubber compound
Wear Monitoring – Optional abrasive media indicator layers
Optimized Buoyancy – Closed-cell foam ensures >20% emergence
Custom Connections – Flanges for 0° to +45° operational bending
Safety factor: 3:1

Materials:

Tube: NR, SBR Synthetic Rubber
Reinforcement: High tensile strength fabrics with closed cell PE foam
Cover: NR, SBR, EPDM Synthetic Rubber



Working temperature:

-20°C to 85°C

Note: Specifications, colors, etc, can, be customized according to requirements

Specification:

Item code	I.D.		W.P.	B.P.	Min Bending Radius	Wear layer Thickness	Cover Thickness	Length
	inch	mm	bar	bar	mm	mm	mm	mm
FDH150	6	150	5-10	15-30	8D	10-20	8-12	11.8
FDH200	8	200	5-10	15-30	8D	10-20	8-12	11.8
FDH250	10	250	5-10	15-30	8D	10-20	8-12	11.8
FDH300	12	300	10-20	30-60	12D	12-25	10-15	11.8
FDH350	14	350	10-20	30-60	12D	12-25	10-15	11.8
FDH400	16	400	10-20	30-60	12D	12-25	10-15	11.8
FDH450	18	450	10-20	30-60	12D	12-25	10-15	11.8
FDH500	20	500	10-20	30-60	12D	12-25	10-15	11.8
FDH600	24	600	15-20	45-60	15D	20-30	12-15	11.8
FDH650	26	650	15-20	45-60	15D	20-30	12-15	11.8
FDH700	28	700	20-25	60-75	15D	30-50	15-18	11.8
FDH750	30	750	20-25	60-75	15D	30-50	15-18	11.8
FDH800	32	800	20-25	60-75	15D	30-50	15-18	11.8
FDH850	34	850	20-25	60-75	15D	30-50	15-18	11.8
FDH900	36	900	25-30	75-90	15D	30-50	18-20	11.8
FDH1000	40	1000	25-30	75-90	15D	50-75	18-20	11.8
FDH1100	44	1100	25-30	75-90	15D	50-75	18-20	11.8

Stainless Steel Flexible Hose

Application:

Flexible metal hose is used as flexible connecting hose in modern industrial piping, the main material is austenitic stainless steel.

It is widely used in various industries due to its good flexibility, excellent corrosion resistance performance, good fatigue resistance, anti-high and low temperature (-200°C~600°C), high pressure resistance, long service life etc.



Specification:

Hose ID		Hose OD		Min Bend Radius	Working Pressure	Weight	
		Main Body	Braided Layer			Main Body	Braided Layer
inch	mm	mm	mm	mm	mpa	kg/m	kg/m
1/4	6.3	9.0	10.5	150	6.4	0.06	0.15
5/16	7.9	10.9	12.5	160	6.4	0.08	0.18
3/8	10.8	15.2	16.8	180	5.0	0.13	0.28
1/2	13.4	18.5	20.0	240	4.0	0.17	0.35
5/8	16.0	21.5	23.0	300	3.5	0.20	0.40
3/4	19.1	25.6	27.2	340	3.0	0.24	0.50
1	25.4	32.6	34.2	400	2.5	0.38	0.75
1-1/4	32.9	40.6	42.2	480	2.5	0.48	0.96
1-1/2	39.3	47.6	50.2	600	2.5	0.50	1.00
2	50.8	61.5	63.5	780	2.5	0.88	1.75

Composite Hose

Application:

This hose is suitable for transportation of chemicals, petroleum products and fuels, oils, lubricants on tank trucks, rail-cars etc. It provides the vital flexible connection to compensate for vibration, movement or misalignment in a fluid transfer system.

Features:

1. Excellent flexibility, 40% lighter than rubber hose which has the same diameter and length.
2. Good resistance to positive and negative pressure.
3. Excellent resistance to corrosion for chemical liquid medium.
4. Outstanding flame retardant property.
5. Anti-static and long-term durability.

Material:

Inner wall: Multiple layers of polypropylene

Reinforcement: High strength synthetic cord and helix wire,

Cover: PVC coated fabric.



Working temperature range:

-40°C ~ 130°C.

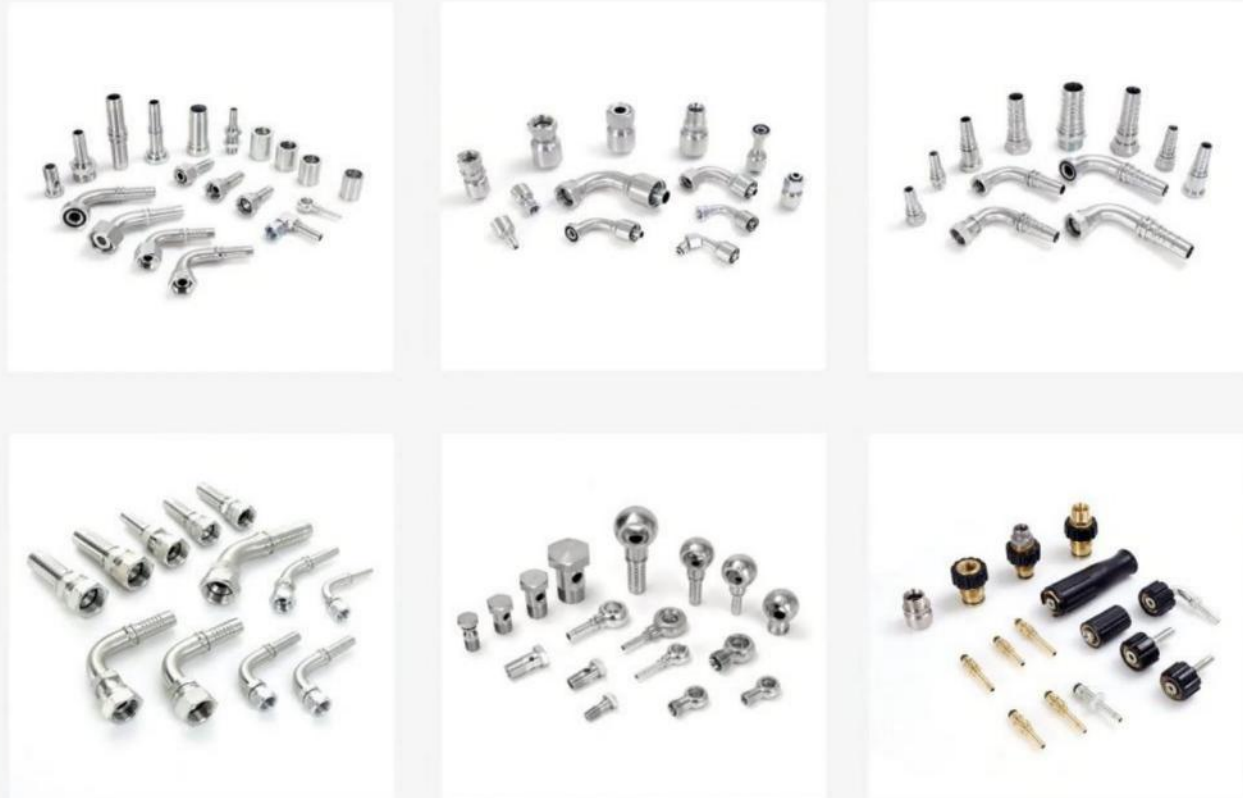
Specification:

Hose ID	Tolerance	Length	Working Pressure	Electrical Resistance (Ω)		Bending Radius
mm	mm	(m) ±5%	mpa	CS	SS	(mm) ±100
25	±4	20	0.6-2.0	≤ 10	≤ 20	220
40		20				220
50		20				300
65		20				300
80		20				350
100		20				400
150		16	0.6-1.6			575
200		16				800
250		16				1000
300		16				1200

HYDRAULIC HOSE FITTING

Our company has been engaged in the production of hydraulic hose fitting with Eaton standard for more than 20 years .including DIN,JIC,BSP, BSPT, NPT, ORFS and other types.We have a large inventory of quality Spare parts to meet our clients requirements.

- ▶ High Quality and Competitive Price
- ▶ Plentiful Supply Of Stock
- ▶ Fast Delivery



JIC/ORFS/METRIC/BSP/SAE/UNF/HYDRAULIC HOSE FITTING/ONE PIECE/
BANJO FITTING/WASHING FITTING/INTERLOCK FITTINGS

SWAGED HOSE FITTING

			
P/N:00TF0 Ferrule for teflon hose	P/N:00018 Ferrule for sae 100r7 hose	P/N:00110 Ferrule for sae 100r1at/en853 1sn hose	P/N:00210 Ferrule for sae 100r2at/din 20022 2sn hose
			
P/N:00400 Ferrule for 4sp,4sh/10-16,r12/06-16 hose	P/N:00402 Sae r12/4sh ferrule (manuli m00900/10/20)	P/N:00621 Interlock ferrule for r13/r15 hose	P/N:03310 Ferrule for sae 100r2at/en 853 2sn hose
			
P/N:00400-F Customized ferrule	P/N:10411/10511 Metric male 24° cone seat L.T/H.T	P/N:12611 BSP male	P/N:12611A BSP male double use for 60° cone seat or bonded seal
			
P/N:12611L Customized length BSP male	P/N:13100 BSPT male	P/N:14211 ORFS male o-ring seal	P/N:15611 NPT male

SWAGED HOSE FITTING

			
P/N:16711 JIC male	P/N:18611 JIS metric male 60° cone seal	P/N:20111 Metric female multiseal	P/N:20211 Metric female flat seat
			
P/N:20411/20511 Metric female 24° cone o-ring L.T/H.T	P/N:20411C Metric female 24° cone without o-ring L.T	P/N:20411W Metric female 24° cone o-ring L.T thrust-wire-nut	P/N:20711 Metric female 74° cone seat
			
P/N:21611 NPSM female 60° cone sae	P/N:22611 BSP female 60° cone	P/N:24211 ORFS female flat seat	P/N:26711 JIC female 74° cone seat sae
			
P/N:40011 Welding fitting	P/N:50011 Metric standpipe straight	P/N:700M Metric bolt	P/N:720B-B Parker standard bolt

SWAGED HOSE FITTING

			
P/N:720B BSP bolt	P/N:70011 Metric banjo	P/N:72011 BSP banjo	P/N:87311/87611 Sae flange 3000psi/6000psi
			
P/N:87911 Sae flange 9000psi	P/N:90011 Double connector	P/N:20241 45° metric female flat seat	P/N:20441/20541 45° metric female 24° cone o-ring L.T/H.T
			
P/N:20741 45° metric female 74° cone seat	P/N:22641 45° BSP female 60° cone	P/N:24241 45° ORFS female flat seat	P/N:26741 45° JIC female 74° cone seat sae
			
P/N:20191 90° metric female multiseal	P/N:20291 90° metric female flat seat	P/N:20491/20591 90° metric female 24° cone o-ring L.T/H.T	P/N:20491C 90° metric female 24° cone without o-ring L.T

SWAGED HOSE FITTING



P/N:20791 90°metric female 74° cone seat
P/N:22691 90°BSP female 60°cone
P/N:22691K 90°BSP compact female 60° cone seat sae
P/N:24291 90°ORFS female flat seat



P/N:26791 90°JIC female 74° cone seat sae
P/N:26791K 90°JIC compact female 74° cone seat sae
P/N:50091 90°metric standpipe straight
P/N:87391/87691 90°Sae flange 3000psi/6000psi



P/N:87391L/87691L 90°Sae flange 3000psi/6000psi long drop
P/N:87991 Sae flange 9000psi
P/N:FL/FS Sae split flange clamps 3000psi/6000psi
P/N:15611N NPT female

INTERLOCKHOSE FITTING



P/N:15613 Npt male interlock fitting
P/N:16713 Jic male interlock fitting
P/N:20413/20513 Metric female 24° cone o-ring L.T/H.T interlock fitting
P/N:22613 Bsp female 60°cone one piece interlock fitting



P/N:24213 ORFS female flat seat interlock fitting
P/N:26713 Jic female 74° cone seat sae interlock fitting
P/N:87313/87613 Sae flange 3000psi/6000psi interlock fitting
P/N:87913 Sae flange 9000psi interlock fitting



P/N:87343/87643 45° sae flange 3000psi/6000psi interlock fitting
P/N:22693 90°bsp female 60°cone one piece interlock fitting
P/N:24293 90°orfs female flat seat interlock fitting
P/N:26793 90°jic female 74° cone seat sae interlock fitting



P/N:87393/87696 90° sae flange 3000psi/6000psi interlock fitting
P/N:87993 90° sae flange 9000psi interlock fitting

DOUBLE HEXAGON HOSE FITTING

			
P/N:22611D BSP female 60°double hexagon	P/N:24211D ORFS female flat seat double hexagon	P/N:26711D JIC female 74°double hexagon	P/N:28611D JIS metric female 60°double hexagon
			
P/N:29611D JIS gas female 60°double hexagon	P/N:24241D 45°ORFS female flat seat double hexagon	P/N:26741D 45°JIC female 74°double hexagon	P/N:22691D 90° BSP female 60°double hexagon
			
P/N:24291D 90°ORFS female flat seat double hexagon	P/N:28691D 90°JIS metric female 60°double hexagon		

ONE PIECE FITTING

			
P/N:15611RW NPT male one piece	P/N:16711RW JIC male one piece	P/N:20411/20511RW Metric female 24° cone o-ring L.T/H.T one piece	P/N:22611RW BSP female 60°cone one piece
			
P/N:34211RW 90°ORFS female flat seat one piece	P/N:26711RW JIC female 74°cone seat sae one piece	P/N:26711DRW JIC 74°cone seat sae double hexagon one piece	P/N:87311/87611RW Sae flange 3000psi/6000psi one piece
			
P/N:20491/20591RW 90°metric female 24° cone o-ring L.T/H.T one piece	P/N:22691RW 90°BSP female 60°cone one piece	P/N:24291RW 90°ORFS female flat seat one piece	P/N:26791RW 90°JIC female 74° cone seat sae one piece
			
P/N:87391/87691RW 90°sae flange 3000psi/6000psi one piece			

WASHING FITTING(KARCHER)



P/N: WASHING FITTING1



P/N: WASHING FITTING2



P/N: WASHING FITTING3



P/N: WASHING FITTING4



P/N: WASHING FITTING5



P/N: WASHING FITTING6



P/N: WASHING FITTING7



P/N: WASHING FITTING8



P/N: WASHING FITTING9



P/N: WASHING FITTING10



P/N: WASHING FITTING11



P/N: WASHING FITTING12



P/N: WASHING FITTING13



P/N: WASHING FITTING14

HYDRAULIC ADAPTER

All of our adaptors are available with different thread types and in different sizes. if you can not find the adaptors you are looking for, get in touch with our sales team. so we can find it for you.

- High Quality And Competitive Price
- Plentiful Supply Of Stock
- Fast Deliovery



DIN/SAE/UNF/BSP/JIC/NPT/ORFS/OTHER SIZES & TYPES
SUPPORT CUSTOMIZE SIZE & TYPE

DIN SERIES



P/N:1C (REDUCERS)
Straight reducers



P/N:1C
Metric male 24° cone L.T/BSP male with captive seal



P/N:1CB-WD
Metric male 24° cone L.T/BSP male with captive seal



P/N:1CG
BSP thread stud ends with O-ring sealing



P/N:1CI (PARKER)
Metric banjo tube fitting



P/N:1CI-B
BSP banjo tube fitting



P/N:1CH
Metric thread stud ends



P/N:1CM-WD
Metric thread with captive seal



P/N:1CI
Metric banjo tube fitting



P/N:1CT
BSPT male /metric male 24° cone l.t



P/N:1CW
Metric weld fitting



P/N:1CO
UN.UNF THREAD thread stud ends with o-ring sealing



P/N:1CN
NPT male /metric male 24° cone l.t



P/N:2C
Reducer tube adapter with swivel nut



P/N:2BC-WD
BSP thread with captive seal/metric female 24° cone o-ring sealing



P/N:2GC
BSP thread stud ends with o-ring sealing /metric female 24° cone o-ring sealing

DIN SERIES



P/N:3C
Straight tube adapter with swivel nut



P/N:5CB
Metric male thread /BSP female



P/N:5CM
Metric male thread /metric female



P/N:6C
Metric male straight bulkhead fitting



P/N:4C
Metric male thread plug



P/N:4C-WD
Metric male thread plug with captive seal



P/N:8C
Metric lock nut



P/N:1CG9-OG
90°BSP thread adjustable stud ends with o-ring sealing



P/N:1CH9-OG
90°metric thread adjustable stud ends



P/N:1CT9
90°BSPT male /metric male 24° cone l.t



P/N:1CN9
90°NPT male /metric male 24° cone l.t



P/N:1C9
90°metric male 24° cone l.t



P/N:1CO9-OG
UN.UNF thread adjustable stud ends with o-ring sealing



P/N:2C9
90°reducer tube adapter with swivel nut



P/N:3C9
90°straight tube adapter with swivel nut



P/N:6C9
90°metric male bulkhead fitting

DIN SERIES



P/N:ACCG-OG
BSP thread adjustable stud end
with o-ring sealing run tee



P/N:AC
Metric male 24° cone I.t. equal tees



P/N:BC
Branch tee fitting with swivel nut



P/N:CC
Run tee fittings with swivel nut



P/N:NL/NS
Retaining nuts



P/N:RL/RS
Cutting ring



P/N:1C-RN
Metric male 24° cone I.t./NPT male
with cutting ring and nut



P/N:VKA
vka

BSP SERIES



P/N:1B
BSP male double use for 60° seat



P/N:1B-WD
BSP male double use for 60° seat or
bonded seal/BSP male captive seal



P/N:1BN/1BT
BSP male double use for 60° seat
or bonded seal/BSPT(NPT) male



P/N:2B
BSP male double use for 60° seat or
bonded seal/BSP female 60° cone



P/N:1BG9-OG
90° BSP male 60° seat/BSP male
o-ring adjustable stud end



P/N:1BN9/1BT9
90° elbow BSP male 60° seat/NPT
male



P/N:2B9
90° BSP male double use for 60° seat
or bonded seal/BSP female 60° cone



P/N:4B
BSP male double use for 60° seat or
bonded seal plug



P/N:4BN-WD(SS)
BSP male captive seal plug



P/N:5B-WD
BSP male captive seal/BSP female



P/N:6B
BSP male 60° seat bulkhead



P/N:7B
BSP female



P/N:9B
BSP female 60° cone plug



P/N:CB
BSP male 60° seat/BSP female 60°
cone branch tee



P/N:DB
BSP female 60° cone tee



P/N:GB
BSP female tee

JIC SERIES



P/N:1J
JIC male 74° cone



P/N:1JO
JIC male 74° cone /sae o-ring



P/N:1JFL
JIC male 74° cone /l-series flange



P/N:1JG
JIC male 74° cone/BSP male o-ring



P/N:1JN
JIC male 74°/NPT male



P/N:1JT
JIC male 74°/BSPT male



P/N:2J
JIC female 74° cone/JIC male 74° cone



P/N:5J
JIC male/JIC female



P/N:5JT
JIC male 74° cone/BSPT female



P/N:5JN
JIC male 74°/NPT female



P/N:1JN4
45°elbow JIC male 74° cone/NPT male



P/N:1JT4
45°elbow JIC male 74° cone/BSPT male



P/N:1JG4
45°elbow JIC male 74° cone /BSP male o-ring



P/N:2J4
45° JIC female 74° cone/JIC male 74° cone



P/N:1JN9
90°elbow JIC male 74° cone/NPT male



P/N:1JT9
90°elbow JIC male 74° cone/BSPT male

JIC SERIES



P/N:1J9
90°elbow JIC male 74° cone



P/N:2J9
90° JIC female 74° cone/JIC male 74° cone



P/N:6J9
JIC female 74° cone bulkhead



P/N:1JO9
90°elbow JIC male 74° cone /sae o-ring



P/N:1JG9-OG
90°elbow JIC male 74° cone /sae o-ring boss l-series



P/N:1JH9-OG
90°elbow JIC male 74° cone /metric adjustable stud end l-series



P/N:6J-LN
JIC female 74° cone bulkhead



P/N:9J-CAP
JIC female plug



P/N:4J
JIC male 74° cone plug



P/N:9J
JIC female 74° seat plug



P/N:AJ
JIC male 74° cone tee



P/N:BJ
JIC male 74° cone/JIC female branch tee



P/N:CJ
JIC male 74° cone/JIC female 74° seat run tee



P/N:AJJO-OG
JIC male 74° cone/sae o-ring run tee



P/N:AJOJ-OG
JIC male 74° cone/sae o-ring run tee

NPT SERIES

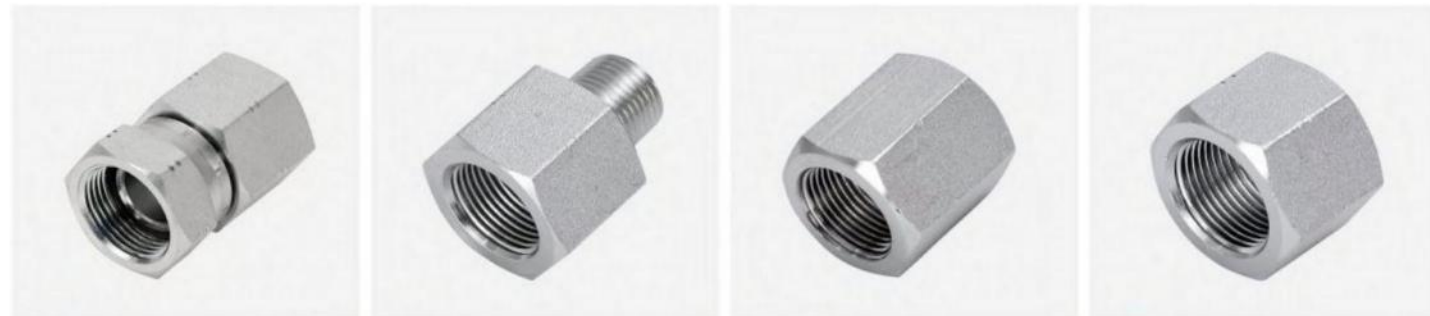


P/N:1N
NPT male

P/N:1T
BSPT male

P/N:2NJ
NPT male / JIC female 74° seat

P/N:2NU
NPT male / NPSM female 60° cone



P/N:3NU
NPT female / NPSM female 60° cone

P/N:5N
NPT male / NPT female

P/N:7N
NPT female

P/N:9N
NPT female plug



P/N:1N9
90° NPT male

P/N:1T9
90° BSPT male

P/N:5N9
90° NPT male / NPT female

P/N:7N9
90° NPT female



P/N:2NJ9
90° NPT male / JIC female 74° seat

P/N:2NU9
90° NPT male / NPSM female 60° cone

P/N:AN
NPT male tee

P/N:GN
NPT female tee

ORFS SERIES



P/N:1F
ORFS male O-ring

P/N:1FO
ORFS male O-ring / SAE O-ring

P/N:1FG
ORFS male O-ring / BSP male O-ring

P/N:2F
ORFS male O-ring / ORFS female



P/N:3F
ORFS female

P/N:1F9
90° ORFS male o-ring

P/N:2F9
90° ORFS male o-ring / ORFS female

P/N:4F
ORFS male O-ring plug



P/N:6F
ORFS male O-ring bulkhead

P/N:9F
ORFS female plug

P/N:AF
ORFS male O-ring tee

P/N:BF
ORFS male o-ring / ORFS female run tee



P/N:CF
ORFS male o-ring / ORFS female run tee

CUSTOMIZED PRODUCTS

Here, there are products that surprise you. Give me your drawings or photos. I will design independent products for you according to your description. As long as you have an idea, we can make it.

- High-Precision CNC Processing
- Fast Delivery
- Small Order Support



GASOLINE PIPE GUN / PIPE CONNECTOR / VALVES /
CAMLOCK/HOSE CLAMP

CUSTOMIZED PRODUCTS



P/N:JR001



P/N:JR002



P/N:JR003



P/N:JR004



P/N:JR005



P/N:JR006



P/N:JR007



P/N:JR008



P/N:JR009



P/N:JR0010



P/N:JR0011



P/N:JR0012



P/N:JR0013



P/N:JR0014



P/N:JR0015



P/N:JR0016

CUSTOMIZED PRODUCTS



P/N:JR0017



P/N:JR0018



P/N:JR0019



P/N:JR0020



P/N:JR0021



P/N:JR0022



P/N:JR0023



P/N:JR0024



P/N:JR0025(stainless steel)



P/N:JR0026(stainless steel)



P/N:JR0027(stainless steel)



P/N:JR0028(stainless steel)



P/N:JR0029(KC)



P/N:JR0030(HOSE MENDER)



P/N:JR0031



P/N:JR0032

CUSTOMIZED PRODUCTS



P/N:JR0033



P/N:JR0034



P/N:JR0035



P/N:JR0036



P/N:JR0037(TYPE-A)



P/N:JR0038(TYPE-B)



P/N:JR0039(TYPE-C)



P/N:JR0040(TYPE-D)



P/N:JR0041(TYPE-E)



P/N:JR0042(TYPE-F)



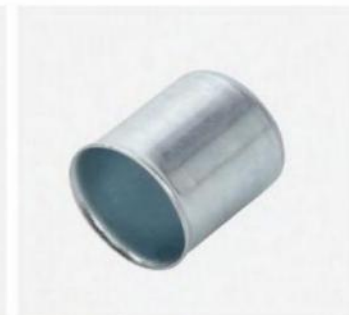
P/N:JR0043(DUST PLUG)



P/N:JR0044(DUST CAP)



P/N:JR0045



P/N:JR0046



P/N:JR0047



P/N:JR0048

Crimping Machine

Application:

The crimping machine is designed to apply a precise and consistent amount of force to crimp the fittings&ferrules onto the hydraulic hoses, 220V/380V are available, locking range from 6mm-300mm. It has a compact structure and can generate a large crimping force. It is with low noise and easy to operate.

Features:

1. Adopting forged steel crimping head, it is more durable.
2. CNC operation panels, it enables simple control and operation.
3. CNC system, it achieves high accuracy within 0.01mm.
4. Equipped with a foot pedal, so as to free hand operation.
5. Magnetic die sets, it enables easy disassembly and installation.



Specification:

Model Number	Locking Range	Die quantity	Withhold accuracy	Displacement	System pressure	Power	Voltage	Locking pressure	Crimping Cycle	Measurement	Weight	Opening size
K51-A	6-51mm	11	0.01mm	2.5L	31.5MPA	4KW	220V	640 T	25S	800*600*1380mm	380KGS	/
	6-51mm	11	0.01mm	5L	31.5MPA	4KW	380V	640 T	25S	800*600*1380mm	380KGS	
K51-B	6-51mm	11	0.01mm	10L	31.5MPA	4KW	220V	640 T	10S	800*600*1380mm	400KGS	
	6-51mm	11	0.01mm	10L	31.5MPA	4KW	380V	640 T	10S	800*600*1380mm	400KGS	
K51-C	6-51mm	10	0.01mm	2.5L	31.5MPA	3KW	220V	450 T	30S	920*640*1350mm	320KGS	
	6-51mm	10	0.01mm	5L	31.5MPA	3KW	380V	450 T	20S	920*640*1350mm	320KGS	
K51-D	6-51mm	11	0.01mm	2.5L	31.5MPA	4KW	220V	640 T	30S	920*640*1350mm	360KGS	
	6-51mm	11	0.01mm	5L	31.5MPA	4KW	380V	640 T	20S	920*640*1350mm	360KGS	
YS76	6-76mm	15	0.1mm	15L/min	31.5MPA	4KW	220V	700 T	12S	800*500*1000mm	400KGS	156mm
	6-76mm	15	0.1mm	15L/min	31.5MPA	4KW	380V	700 T	12S	800*500*1000mm	400KGS	156mm
Y76	6-76mm	14	0.1mm	14L/min	31.5MPA	4KW	220V	650 T	12S	730*470*900mm	360KGS	156mm
	6-76mm	14	0.1mm	14L/min	31.5MPA	4KW	380V	650 T	12S	730*470*900mm	360KGS	156mm
YS102	6-102mm	17	0.1mm	23L/min	31.5MPA	5.5KW	380V	860 T	13S	900*650*1100mm	600KGS	200mm

Hose Cutting & Skiving Machine

Application:

The hose cutting and skiving machine is the main auxiliary equipment of the hose assembly, it is an ideal matching equipment for hose repair and manufacturer. Hose cutting and skiving machine is use for hydraulic, petroleum, chemical industry, etc. According to the length, cutting the rubber tube, then perform other processing. Suitable for cutting all kinds of hydraulic oil hose, steel wire braided hoses, wire wound hoses, cloth pipes, etc. with a diameter range of 6-51mm.

Features:

1. The balanced feed system is used to make the cutting force more uniform, making the rubber hose cut straight
2. The core slice of the product uses imported special slice, fast hose cutting, low wear and no chipping.
3. To cutting and skiving rubber produces less dust
4. Have unique cushioning mechanism makes the cutting process smoother and safer.
5. Easy to operate



Cutting and Skiving Hose Range: Φ6mm - Φ51mm.

Specification:

Model Number	QB-51		
Voltage	380V/220V		
Motor power in hose cutting	380V	3KW	
	220V	4KW	
Motor rotational speed in hose cutting	2850 r/min.		
Motor power in hose skiving	400W		
Motor rotational speed in hose skiving	190 r/min.		
Fan power	350W		
Max. I.D. of hose cutting	Φ51mm		
Hose skiving range	Φ6mm - Φ51mm		
Double edge saw blade	Φ350×2.8mm		
Dimensions (length x width x height)	before packing		780×560×1100mm
	after packing		800×580×1160mm
Weight	380V	net weight	105kg
		gross weight	125kg
	220V	net weight	108kg
		gross weight	128kg