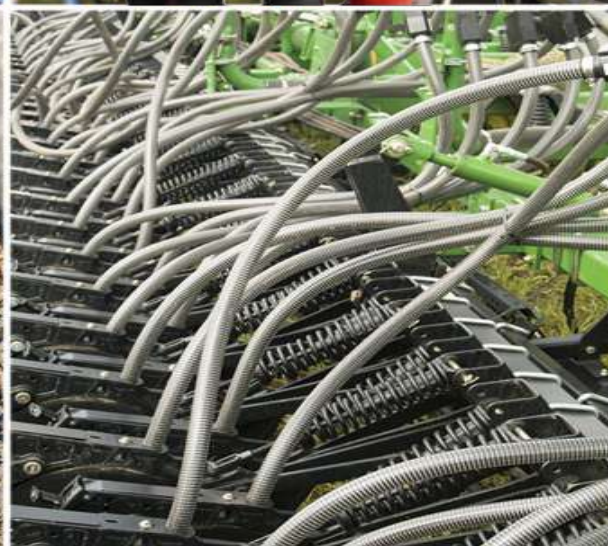
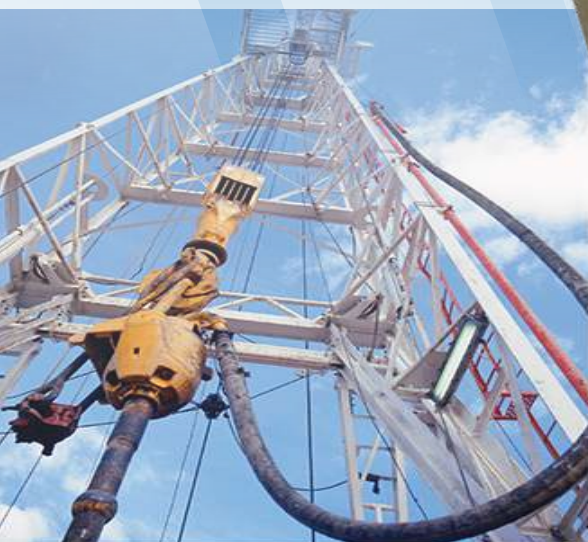




HEBEI QIANLI RUBBER PRODUCTS CO., LTD.

QIANLI

Catalog



Company Introduction



HEBEI QIANLI RUBBER PRODUCTS CO., LTD. is a technical company specializing in producing rubber hoses and related rubber products, sited in JingXian County, China. Our company covers an area of 40 thousand square meters invested 30 million RMB and we own the first class manufacturing technology and experience. So our products has a broad market and very good reputations. We set up a series of strict quality control system by bringing in advanced equipment and technologies. So that our products leads best level in rubber products area.

Our main products are as follows: Hydraulic rubber Hose, Steam Hose, Air Hose, Sand Blast Hose, Food Hose, Dredge Hose, Acid and Alkali Resistant Hose, Hose Fittings, Flexible Metal Hose, Compensators, Nylon Resin Hose and so on. All the products are widely used in engineering machinery, coal industry, oil and chemical, metallurgy, mine, architecture and transportation industries.

Our aim is to provide users with superior quality products and effective service. We are very delighted to have the opportunity to cooperate with you and welcome to visit our company.

Customers Visiting

Occupied with first class rubber hose manufacturing technology, the high pressure rubber hose products from HEBEI QIANLI RUBBER PRODUCTS CO., LTD. have a broad market and well-deserved reputation. We have set up a series of strict quality control system through bringing in advanced equipment and learning advanced technologies. Nowadays, all of our main products have achieved the international level in the same trade and won the customers trust and praise.

We are very delighted to have the opportunity to cooperate with you and welcome to visit our company. Here are some pictures of the customers visiting.



From the largest supplying company in Egypt, the customer needs hydraulic hose EN856 1SN.



Customer from Iraq needs hydraulic hose SAE 100R1 and SAE 100R2.



Customer from Italy needs suction hose with flanges.



Customers from Tunis are visiting our factory and confirming the length of dies.



Customer from Iran is talking about the quality of rubber hose and packing details with manager.



Customers from Russia are visiting our factory and consulting high pressure hoses.



High Pressure Hose



SAE Series (SAE 100R1 to 100R17).....	06
EN Series (EN 853, EN 856, EN 857).....	21

Low Pressure Hose



Acid and Alkali Resistant Rubber Hose.....	31
Air and Water Hose.....	32
Food Piping Hose.....	33
Mud Piping Hose.....	34
Oil and Heat Resistance Rubber Hose.....	35
Oil Suction Hose.....	36
Refuel Hose.....	37
Sand Blasting Hose.....	38
Water Suction Hose.....	39

Other Hoses



Nylon Resin Hose.....	42
PVC Braided (Fiber Reinforced) Hose.....	46
Spring Hose.....	49
Compressed Natural Gas (CNG) Hose.....	50
Steam Hose.....	51
Thermoplastic Polyurethane Reinforced Hose.....	52
Dock Oil Hose.....	53
Vibrator Hose (Rotary Drilling Hose).....	54
Flange Dredge Hose.....	56
Floating Dredging Rubber Hose.....	57



High Pressure Hose

Rubber hose specialist you can rely on



SAE 100R1(AT) Steel Wire Reinforced Hydraulic Rubber Hose

SAE 100R1 steel wire reinforced hose is a typical medium pressure hydraulic hose and it is especially suitable for hydraulic lines or general industrial system. High tensile strength steel wire reinforcement makes SAE 100R1 hose support higher pressure than common steel wire does. SAE 100R1 rubber hose features high temperature and abrasion resistance. It is designed to meet higher standard.

Type AT

This hose shall consist of an inner tube of oil resistant synthetic rubber, a single steel wire braid reinforcement, and an oil and weather resistant synthetic rubber cover. A ply or braid of suitable material may be used over the inner tube and/or over the wire reinforcement to anchor the synthetic rubber to the wire.

This hose shall have a cover designed to assemble with fittings which do not require removal of the cover or a portion thereof.

Tube: The inner tube is made of oil resistant synthetic rubber.

Reinforcement: A single steel wire braid reinforcement.

Cover: Oil and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R1 Steel Wire Reinforced Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD			Cover Thickness Type AT		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	A		AT	Min	Max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
								min	max											
SAE100R1-0005	5	3/16	-3	4.6	5.4	8.9	10.1	11.9	13.5	12.5	0.8	1.5	21	3045	42	6090	84	12810	90	0.20
SAE100R1-0006	6.3	1/4	-4	6.2	7.0	10.6	11.7	15.1	16.7	14.1	0.8	1.5	19.2	2780	38.5	5580	77	11165	100	0.25
SAE100R1-0008	8	5/16	-5	7.7	8.5	12.1	13.3	16.7	18.3	15.7	0.8	1.5	17.5	2540	35	5075	70	10150	115	0.31
SAE100R1-0010	10	3/8	-6	9.3	10.1	14.5	15.7	19.0	20.6	18.1	0.8	1.5	15.7	2280	31.5	4570	63	9135	125	0.36
SAE100R1-0013	12.5	1/2	-8	12.3	13.5	17.5	19.0	22.2	23.8	21.5	0.8	1.5	14	2030	28	4060	56	8120	180	0.45
SAE100R1-0016	16	5/8	-10	15.5	16.7	20.6	22.2	25.4	27.0	24.7	0.8	1.5	10.5	1520	21	3045	42	6090	205	0.52
SAE100R1-0019	19	3/4	-12	18.6	19.8	24.6	26.2	29.4	31.0	28.6	0.8	1.5	8.7	1260	17.5	2540	35	5075	240	0.65
SAE100R1-0025	25	1	-16	25.0	26.4	32.5	34.1	36.9	39.3	36.6	0.8	1.5	7	1015	14	2030	28	4060	300	0.91
SAE100R1-0032	31.5	1 1/4	-20	31.4	33.0	39.3	41.7	44.4	47.6	44.8	1.0	2.0	4.3	620	8.7	1260	17.5	2540	420	1.30
SAE100R1-0038	38	1 1/2	-24	37.7	39.3	45.6	48.0	50.8	54.0	52.0	1.3	2.5	3.5	510	7	1015	14	2030	500	1.70
SAE100R1-0051	51	2	-32	50.4	52.0	58.7	61.9	65.1	68.3	65.9	1.3	2.5	2.6	380	5.2	750	10.5	1520	630	2.00

SAE 100R2 High Pressure Steel Wire Reinforced Hydraulic Rubber Hose



SAE 100R2 hydraulic hose has three parts: excellent oil resistance nitrile tube, good weather and petroleum products resistance neoprene cover and double high-tensile wire braid reinforcement. It is ideal for outside working environments including offshore, forestry, construction and mining where high abrasion resistance is required. Petroleum and water based hydraulic fluids with high pressure can pass through the inner tube smoothly and freely without producing excessive heat and leak. It is also widely used in mobile equipment including farm tractor, dump truck and in-plant hydraulic equipment.

- Tube:** The inner tube is made of high quality synthetic rubber compounds.
- Reinforcement:** Two braided layers are made of hardened, tempered, surface protected steel wires.
- Cover:** Abrasion and weather resistant synthetic rubber.
- Temperature:** -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R2 Steel Wire Reinforced Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD			Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	A		AT								
								min	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R2-0005	5	3/16	-3	4.6	5.4	10.6	11.7	15.1	16.7	14.1	35	5075	70	10150	140	20300	90	0.32
SAE100R2-0006	6.3	1/4	-4	6.2	7	12.1	13.3	16.7	18.3	15.7	35	5075	70	10150	140	20300	100	0.36
SAE100R2-0008	8	5/16	-5	7.7	8.5	13.7	14.9	18.3	19.8	17.3	29.7	4310	59.5	8630	119	17255	115	0.45
SAE100R2-0010	10	3/8	-6	9.3	10.1	16.1	17.3	20.6	22.2	19.7	28	4060	56	8120	112	16240	125	0.54
SAE100R2-0013	12.5	1/2	-8	12.3	13.5	19	20.6	23.8	25.4	23.1	24.5	3550	49	7110	98	14210	180	0.68
SAE100R2-0016	16	5/8	-10	15.5	16.7	22.2	23.8	27	28.6	26.3	19.2	2780	38.5	5580	77	11165	205	0.8
SAE100R2-0019	19	3/4	-12	18.6	19.8	26.2	27.8	31	32.5	30.2	15.7	2280	31.5	4570	63	9135	240	0.94
SAE100R2-0025	25	1	-16	25	26.4	34.1	35.7	38.5	40.9	38.9	14	2030	28	4060	56	8120	300	1.35
SAE100R2-0032	31.5	1 1/4	-20	31.4	33	43.2	45.6	49.2	52.4	49.6	11.3	1640	22.7	3290	45.5	6600	420	2.15
SAE100R2-0038	38	1 1/2	-24	37.7	39.3	49.6	52	55.6	58.7	56	8.7	1260	17.5	2540	35	5075	500	2.65
SAE100R2-0051	51	2	-32	50.4	52	62.3	64.7	68.3	71.4	68.6	7.8	1130	15.7	2280	31.5	4570	630	3.42
SAE100R2-0064	64	2 1/2	-40	63.5	65.0	74.0	75.0	79.0	80.0	79.3	5	725	10	1450	20	2900	790	3.74
SAE100R2-0076	76	3	-48	76.2	77.2	86.0	87.0	92.0	93.0	93.8	4	580	8	1160	16	2320	920	4.77
SAE100R2-0089	89	3 1/2	-56	88.9	89.9	99.0	100.0	106.0	107.0	107.9	3	435	6	870	12	1740	1060	5.73
SAE100R2-0102	102	4	-64	101.6	102.6	112.0	113.0	118.0	119.0	120.0	3	435	6	870	12	1740	1200	6.16
SAE100R2-0127	127	5	-80	127.0	128.0	137.0	138.0	143.0	144.0	145.1	2	290	4	580	8	1160	1450	7.32

SAE 100R3 Double Fiber Braid (Nonmetallic) Hydraulic Rubber Hose

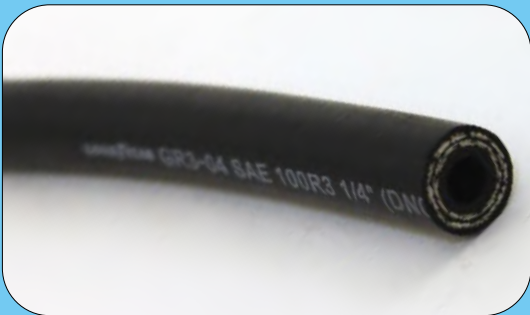
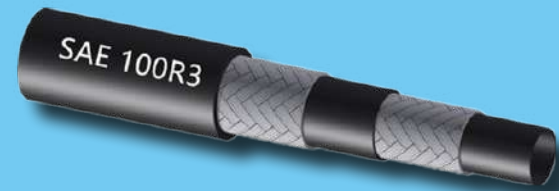
SAE 100R3 double fiber braid hydraulic rubber hose is ideal for medium pressure fuel and oil lines as well as return and suction hoses of hydraulic systems. Two plies of braided textile protect the inner tube in case that the outside cover is broken. Nitrile tube has the advantages of premium oil resistance and will not react with petroleum or water-based hydraulic fluids within -40 °C to +100 °C.

Tube: The inner tube is made of oil resistant synthetic rubber.

Reinforcement: Two braids of suitable fiber.

Cover: Oil and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).



SAE 100R3 Double Fiber Braid (Nonmetallic) Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R3-0005	5	3/16	-3	4.5	5.4	11.9	13.5	10.5	1520	21	3050	42	6090	75	0.16
SAE100R3-0006	6.3	1/4	-4	6.1	7.0	13.5	15.1	8.7	1260	17.5	2540	35	5075	75	0.18
SAE100R3-0008	8	5/16	-5	7.6	8.5	16.7	18.3	8.4	1220	16.8	2440	33.5	4860	100	0.27
SAE100R3-0010	10	3/8	-6	9.2	10.1	18.3	19.8	7.8	1130	15.7	2280	31.5	4570	100	0.31
SAE100R3-0013	12.5	1/2	-8	12.4	13.5	23.0	24.6	7	1015	14	2030	28	4060	125	0.45
SAE100R3-0016	16	5/8	-10	15.6	16.7	26.2	27.8	6.1	885	12.2	1770	24.5	3550	140	0.53
SAE100R3-0019	19	3/4	-12	18.7	19.8	31.0	32.5	5.2	750	10.5	1520	21	3045	150	0.72
SAE100R3-0025	25	1	-16	25.1	26.2	36.9	39.3	3.9	570	7.8	1130	15.7	2280	205	0.90
SAE100R3-0032	31.5	1 1/4	-20	31.4	32.9	42.9	46.0	2.6	380	5.2	750	10.5	1520	250	1.07

SAE 100R4 Wire Inserted Hydraulic Suction Hose



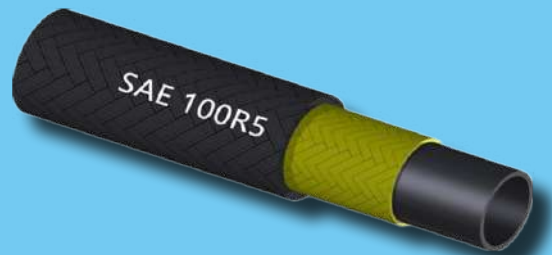
SAE 100R4 wire inserted low pressure hydraulic hose is frequently applied to suction and return line, anti-static delivery line, and vacuum applications for petroleum and water-based hydraulic fluids. With superior abrasion and weather resistance, neoprene cover serves as guard to avoid hydraulic fluid leakage and protect the inner tube.

- Tube:** The inner tube is made of oil resistant synthetic rubber.
- Reinforcement:** A ply or piles of woven or braided textile fibers with a suitable spiral of body steel wire.
- Cover:** Oil and weather resistant synthetic rubber.
- Temperature:** -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R4 Wire Inserted Hydraulic Suction Hose Technical Specification

PART NO.	Size		SAE Size	ID		OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R4-0019	19	3/4	-12	18.2	19.8	34.9	2.1	305	4.2	610	8.4	1210	125	0.92
SAE100R4-0025	25	1	-16	24.6	26.2	41.3	1.7	250	3.5	510	7	1015	150	1.10
SAE100R4-0032	31.5	1 1/4	-20	30.6	33	50.8	1.4	200	2.8	410	5.6	810	200	1.30
SAE100R4-0038	38	1 1/2	-24	36.9	39.3	57.2	1.05	150	2.1	305	4.2	610	255	1.80
SAE100R4-0051	51	2	-32	49.2	52.4	69.9	0.7	100	1.4	200	2.8	410	300	2.23
SAE100R4-0063	63	2 1/2	-40	61.9	65.1	82.6	0.4	60	0.85	120	1.7	250	355	3.23
SAE100R4-0076	76	3	-48	74.6	77.8	95.3	0.4	60	0.8	120	1.6	230	460	4.25
SAE100R4-0089	89	3 1/2	-56	87.3	90.5	107.9	0.3	40	0.6	90	1.25	180	530	5.05
SAE100R4-0102	102	4	-64	100	103.2	120.7	0.25	40	0.5	70	1	145	610	5.60

SAE 100R5 Single Wire Braided Textile Covered Hydraulic Rubber Hose



SAE 100R5 single wire braid and textile covered hydraulic rubber hoses are widely used in medium pressure applications. They are suitable for conveying petroleum-based hydraulic oil, air and water with specified pressure to air brakes, power steering, turbo oil lines and tilt cab cylinders. Oil resistant tube, single wire braid reinforcement and fiber braided cover contribute to high performance. Fabric braids should be resistant to oils and mildew.

Tube: The inner tube is made of oil resistance synthetic rubber.

Reinforcement: A single layer of braided high tensile steel wire.

Cover: Fiber braided cover.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R5 Steel Wire Reinforced Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R5-0005	5	3/16	-3	4.8	5.5	12.7	13.7	21.0	3045	42	6090	84	12180	75	0.24
SAE100R5-0006	6.3	1/4	-4	6.4	7.2	14.3	15.3	21.0	3045	42	6090	84	12180	85	0.28
SAE100R5-0008	8	5/16	-5	7.9	8.7	16.7	17.6	15.7	2270	31.5	4570	63	9135	100	0.35
SAE100R5-0011	11	1 3/32	-6	10.3	11.1	18.9	20	14.0	2030	28	4060	56	8120	115	0.38
SAE100R5-0013	12.5	1/2	-8	12.7	13.7	22.8	24	12.2	1770	24.5	3550	49	7105	140	0.51
SAE100R5-0016	16	5/8	-10	15.9	17	26.8	28	10.5	1520	21	3045	42	6090	165	0.68
SAE100R5-0022	22	7/8	-14	22.2	23.3	30.6	32.2	5.6	810	11.2	1620	22.4	3250	185	0.70
SAE100R5-0029	29	1 1/8	-22	28.6	29.8	37.3	38.9	4.3	620	8.7	1260	17.5	2540	230	0.80
SAE100R5-0035	35	1 3/8	-26	34.9	36.1	43.7	45.2	3.5	510	7	1015	14	2030	265	0.93
SAE100R5-0046	46	1 13/16	-30	46.0	47.2	55.2	57.6	2.4	350	4.9	700	9.8	1420	335	1.32
SAE100R5-0060	60	2 3/8	-38	60.3	61.9	71.8	74.2	2.4	350	4.9	700	9.8	1420	610	2.96
SAE100R5-0076	76	3	-48	76.2	77.8	89.3	91.7	1.4	200	2.8	410	5.6	810	840	4.10

SAE 100R6 Fiber Reinforced (Nonmetallic) Hydraulic Rubber Hose



SAE 100R6 textile braided hydraulic hose is commonly applied to low pressure conditions, especially where tight routing is urgently required. It is also including return & suction lines, power steering return hoses, lube lines and air lines without brake applications. Black nitrile tube is quite compatible with petroleum base hydraulic fluids with temperature ranging from -40 °C to +100 °C. Neoprene cover protects the inside parts from degradation from ozone, weather, oil and abrasion. Fiber reinforcement gives great flexibility to low pressure hydraulic hoses and suits narrow working spaces.

Tube: The inner tube is made of oil resistant synthetic rubber.

Reinforcement: One layer of suitable fiber.

Cover: Oil and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R6 Fiber Reinforced (Nonmetallic) Hydraulic Rubber Hose Technical Specification														
PART NO.	Size		SAE Size	ID		OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R6-0005	5	3/16	-3	4.2	5.4	10.3	3.5	510	7	1015	14	2030	50	0.10
SAE100R6-0006	6.3	1/4	-4	5.6	7.2	11.9	2.8	410	5.6	810	11.2	1620	65	0.13
SAE100R6-0008	8	5/16	-5	7.2	8.8	13.5	2.8	410	5.6	810	11.2	1620	75	0.15
SAE100R6-0010	10	3/8	-6	8.7	10.3	15.1	2.8	410	5.6	810	11.2	1620	75	0.18
SAE100R6-0013	12.5	1/2	-8	11.9	13.5	19.0	2.8	410	5.6	810	11.2	1620	100	0.26
SAE100R6-0016	16	5/8	-10	15.1	16.7	22.2	2.4	350	4.8	710	9.8	1420	125	0.34
SAE100R6-0019	19	3/4	-12	18.3	19.9	25.4	2.1	310	4.2	610	8.4	1220	150	0.40
SAE100R6-0025	25	1	-14	24.4	26	32	1.8	260	3.6	520	7.2	1045	175	0.5

SAE 100R7 Thermoplastic Hydraulic Hose



SAE 100R7 nonconductive thermoplastic hydraulic hose is available for applications where there is potential to contact with high voltage sources. Nylon tube is coMPatible with petroleum, water and synthetic based hydraulic fluids for mobile equipment, lube lines, blowout preventers and hydraulic lifts where nonconductive character is necessary.

- Tube:** Thermoplastic inner tube resistant to hydraulic fluids.
- Reinforcement:** Reinforced with suitable synthetic fiber.
- Cover:** A layer of hydraulic fluid and weather resistant thermoplastic.
- Temperature:** -40 °C to +93 °C (-40 °F to +199.4 °F).

SAE 100R7 Thermoplastic Hydraulic Hose Technical Specification														
PART NO.	Size		SAE Size	ID		OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R7-0005	5	3/16	-3	4.6	5.4	11.4	21	3045	42	6090	84	12180	90	0.073
SAE100R7-0006	6.3	1/4	-4	6.2	7.0	13.7	19.2	2780	38.5	5580	77	11165	100	0.090
SAE100R7-0008	8	5/16	-5	7.7	8.5	15.6	17.5	2535	35	5075	77	10150	115	0.128
SAE100R7-0010	10	3/8	-6	9.3	10.3	18.4	15.7	2275	31.5	4565	63	9135	125	0.155
SAE100R7-0013	12.5	1/2	-8	12.3	13.5	22.5	14	2030	28	4060	56	8120	180	0.224
SAE100R7-0016	16	5/8	-10	15.5	16.7	25.8	10.5	1520	21	3045	42	6090	205	0.277
SAE100R7-0019	19	3/4	-12	18.6	19.8	28.6	8.7	1260	17.5	2535	35	5075	240	0.330
SAE100R7-0025	25	1	-16	25.0	26.4	36.7	7	1015	14	2030	28	4060	300	0.403

SAE 100R8 High Pressure Thermoplastic Hydraulic Hose



SAE 100R8 high pressure thermoplastic hydraulic hose is used in nonconductive applications where there is potential of contacting with high voltage sources, such as blowout preventers, lube lines and construction machinery. It is used for petroleum based and synthetic hydraulic fluids with temperature ranging from -40 °C to 212 °C, which will not cause tube failure.

Tube: Thermoplastic inner tube resistant to hydraulic fluids.

Reinforcement: Reinforced with suitable synthetic fiber.

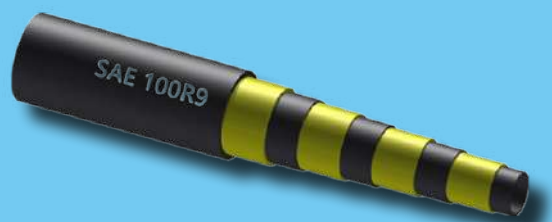
Cover: A layer of hydraulic fluid and weather resistant thermoplastic.

Temperature: -40 °C to +93 °C (-40 °F to +199.4 °F).

SAE 100R8 High Pressure Thermoplastic Hydraulic Hose Technical Specification

PART NO.	Size		SAE Size	ID		OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R8-0005	5	3/16	-3	4.6	5.4	14.6	35	5075	70	10150	140	20300	90	0.086
SAE100R8-0006	6.3	1/4	-4	6.2	7.0	16.8	35	5075	70	10150	140	20300	100	0.097
SAE100R8-0010	10	3/8	-6	9.3	10.3	20.3	28	4060	56	8120	112	16240	125	0.178
SAE100R8-0013	12.8	1/2	-8	12.3	13.5	24.6	24.5	3550	49	1705	98	14210	180	0.215
SAE100R8-0016	16	5/8	-10	15.5	16.7	29.8	19.2	2780	38.5	2280	77	11165	205	0.312
SAE100R8-0019	19	3/4	-12	18.6	19.8	33	15.7	2275	31.5	4565	63	9135	240	0.360
SAE100R8-0025	25	1	-16	25.0	26.4	38.6	14	2030	28	4060	56	8120	300	0.505

SAE 100R9 High Pressure Four Spiral Steel Wire Hydraulic Rubber Hose



With outstanding kick resistance, impulse resistance and can support surge pressure, SAE 100R9 high pressure four spiral steel wire hydraulic rubber hose is widely used in conditions where high pressure, high abrasion and kick resistance are urgently required, petroleum based hydraulic fluids within a temperature ranging from 40 °C to +100 °C.

Tube: An inner tube in high quality synthetic rubber compounds features oil resistance.

Reinforcement: Four spiraled layers of high tensile steel wires.

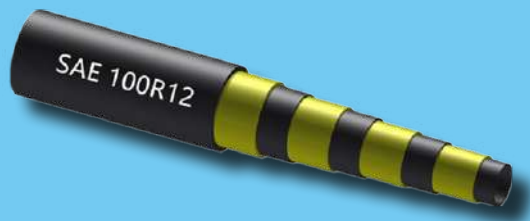
Cover: Abrasion, oil, weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R9 High Pressure Four Spiral Steel Wire Hydraulic Rubber Hose Technical Specification

Size		SAE Size	I.D		Reinforcement W.D		O.D			Max W.P		Proof Pressure P.P		Min B.P		Min B.R	Weight
							A		AT								
mm	inch	dash	min	max	min	max	min	max	max	Mpa	Psi	Mpa	Psi	Mpa	Psi	mm	kg/m
10	3/8	-6	9.3	10.1	16.9	18.0	20.6	22.2	21.1	60	8700	90	13050	126	18270	125	0.70
12.5	1/2	-8	12.3	13.5	19.4	21.0	23.8	25.4	24.3	55	7975	82.5	11962.5	115.5	16747.5	180	0.83
19	3/4	-12	18.6	19.8	26.6	28.2	30.6	32.2	31.9	46	6670	69	10005	96.6	14007	240	1.30
25	1	-16	25.0	26.4	34.5	36.1	38.5	40.9	40.5	40	5800	60	8700	84	12180	300	1.70
31.5	1 1/4	-20	31.4	33.0	43.3	45.6	49.2	52.4	50.7	40	5800	60	8700	84	12180	420	3.08
38	1 1/2	-24	37.7	37.7	49.6	52.0	55.6	58.7	.....	35	5075	52.5	7612.5	73.5	10657.5	500	4.30
51	2	-32	50.4	50.4	63.9	66.2	69.9	73.0	.....	35	5075	52.5	7612.5	73.5	10657.5	660	5.63
64	2 1/2	-40	63.5	65.2	79	80.0	84	85.0	.....	35	5075	52.5	7612.5	73.5	10657.5	900	6.70
76	3	-48	75.0	77.4	102	103.0	107	108.0	.....	35	5075	52.5	7612.5	73.5	10657.5	1200	16.50
89	3 1/2	-56	88.0	90.4	114	115.5	120	121.0	.....	35	5075	52.5	7612.5	73.5	10657.5	1300	18.40
102	4	-64	101.5	103.5	129	131.0	133	134.5	.....	35	5075	52.5	7612.5	73.5	10657.5	1400	20.30
127	5	-80	126.0	128.7	156	157.5	164	166.0	.....	35	5075	52.5	7612.5	73.5	10657.5	1500	22.00
152	6	-96	151.0	154.0	184	187.0	192	194.0	.....	16	2320	24	3480	33.6	4872	2580	30.00
203	8	-128	202.0	205.0	235	238.0	243	245.0	.....	16	2320	24	3480	33.6	4872	3350	45.00
254	10	-160	254.0	256.0	291	294.0	299	302.0	.....	16	2320	24	3480	33.6	4872	4110	48.00

SAE 100R12 Heavy Duty High Four Spiral Steel Wire Hydraulic Rubber Hose



SAE 100R12 heavy duty hydraulic rubber hose is reinforced by four layers of spiral steel wires in alternating directions which can balance pressure and containment forces. Spiral wire reinforcement is ideal for high-impulse and high abrasion resistance applications. This section covers make hose most suitable for petroleum based hydraulic fluids with temperature ranging from -40 °C to +121 °C.

Tube: An inner tube of oil resistant synthetic rubber compounds.

Reinforcement: Four spiral piles of steel wire wrapped in alternating directions.

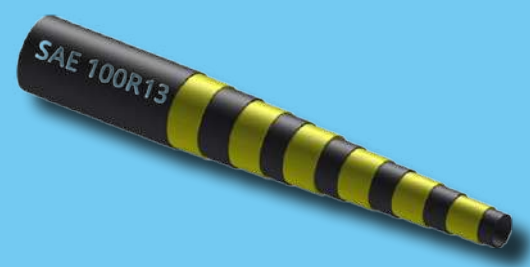
Cover: Oil and weather resistant synthetic rubber.

Temperature: -40 °C to +120 °C (-40 °F to +250 °F).

SAE 100R12 Heavy Duty High Four Spiral Steel Wire Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R12-0010	10	3/8	-6	9.3	10.1	16.6	17.8	19.5	21.0	28	4060	56	8120	112	16240	125	0.70
SAE100R12-0013	12.5	1/2	-8	12.3	13.5	19.9	21.5	23.0	24.6	28	4060	56	8120	112	16240	180	0.83
SAE100R12-0016	16	5/8	-10	15.5	16.7	23.8	25.4	26.6	28.2	28	4060	56	8120	112	16240	200	1.12
SAE100R12-0019	19	3/4	-12	18.6	19.8	26.9	28.4	29.9	31.5	28	4060	56	8120	112	16240	240	1.43
SAE100R12-0025	25	1	-16	25.0	26.4	34.1	35.7	36.8	39.2	28	4060	56	8120	112	16240	300	2.00
SAE100R12-0032	31.5	1 1/4	-20	31.4	33.0	42.7	45.1	45.4	48.6	21	3045	42	6090	84	12180	420	2.80
SAE100R12-0038	38	1 1/2	-24	37.7	39.3	49.2	51.6	51.9	55.0	17.5	2540	35	5075	70	10150	500	3.40
SAE100R12-0051	51	2	-32	50.8	52.0	62.5	64.8	65.1	68.3	17.5	2540	35	5075	70	10150	640	4.25

SAE 100R13 Heavy Duty High Multiple Spiral Steel Wire Hydraulic Rubber Hose



Reinforced with multiple layers of spiraled wire in alternation directions, SAE 100R13 hydraulic hoses can work in extremely high working pressure. Spiral reinforcement is particularly ideal for high pressure impulse applications as a result of paralleled individual wires. In addition, thin rubber adhesion separates the neighboring spiral wires to avoid cutting one another. Compared with wire braided hose, spiral hydraulic hose gives 5075 Psi constant pressure to the system. Nitrile synthetic rubber is very compatible with biodegradable hydraulic fluids like polyester, polyglycol and vegetable oils as well as standard hydraulic fluids

Tube: The inner tube is made of oil resistant synthetic rubber compounds.

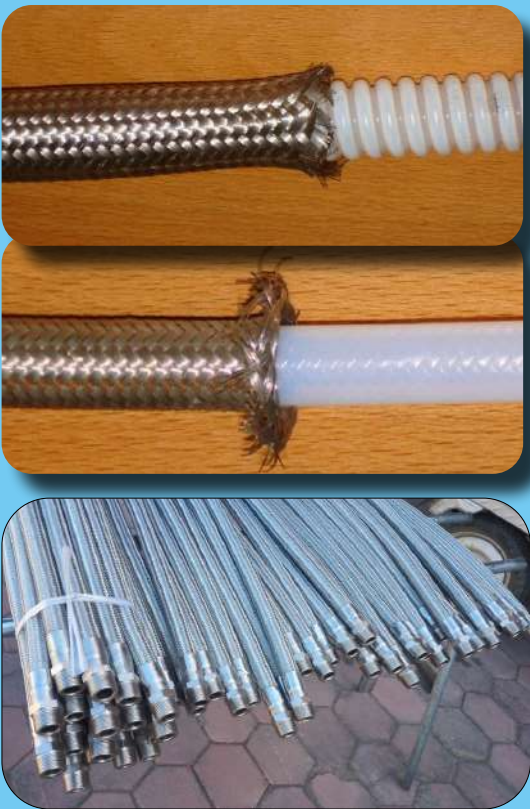
Reinforcement: Multiple spiral piles of steel wire wrapped in alternating directions.

Cover: Oil and weather resistant synthetic rubber.

Temperature: -40 °C to +120 °C (-40 °F to +250 °F).

SAE 100R13 Heavy Duty High Multiple Spiral Steel Wire Hydraulic Rubber Hose Technical Specification																	
PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R13-0019	19	3/4	-12	18.6	19.8	28.2	29.8	31.0	33.2	35	5075	70	10150	140	20300	240	2.10
SAE100R13-0025	25	1	-16	25.0	26.4	34.9	36.4	37.6	39.8	35	5075	70	10150	140	20300	300	2.88
SAE100R13-0032	31.5	1 1/4	-20	31.4	33.0	45.6	48.0	48.3	51.3	35	5075	70	10150	140	20300	420	4.20
SAE100R13-0038	38	1 1/2	-24	37.7	39.3	53.1	55.5	55.8	58.8	35	5075	70	10150	140	20300	500	5.00
SAE100R13-0051	51	2	-32	50.4	52.0	66.9	69.3	69.5	72.7	35	5075	70	10150	140	20300	640	7.00

SAE 100R14 PTFE Lined Hydraulic Hose



SAE 100R14 PTFE hydraulic hose is widely used for petroleum base and synthetic base hydraulic fluids with temperature ranging from -54 °C to +204 °C. What's more, temperature ranging of water base hydraulic fluids should be agreed upon by the manufactures of both the hose and the fluid. Type A is consist of an inner tube of polytetrafluoroethylene (PTFE), reinforced with a single braid of 303XX series stainless steel wire. Stainless steel wire braid will not be affected in harsh environments including damp environment, oils, chemicals, abrasions and all weather.

SAE 100R14 PTFE medium pressure hydraulic hose is widely used in air compressor discharge, hot oil and fluids, hot and greasy environments and chlorine application.

Tube: An Inner tube of polytetrafluoroethylene (PTFE).

Reinforcement: Reinforced with a single braid of 303XX series stainless steel wire.

Temperature: -54 °C to + 204 °C (-65 °F to +400 °F).

SAE 100R14 PTFE Lined Hydraulic Hose Technical Specification

PART NO.	Size	SAE Size	ID		OD		Max W.P		Proof Pressure		Min B.P		Min B.R
	mm	dash	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm
SAE100R14-0003	3.2	-3	2.8	3.8	5.3	6.8	10.5	1523	41.4	6003	82.7	11992	40
SAE100R14-0005	5	-4	4.4	5.2	7.1	8.2	10.5	1523	34.5	5003	68.9	9990	50
SAE100R14-0006	6.3	-5	6.0	6.9	8.9	10.1	10.5	1523	31.0	4495	62.0	8990	75
SAE100R14-0008	8	-6	7.5	8.4	10.4	11.6	10.5	1523	27.6	4002	55.2	8004	100
SAE100R14-0010	10	-7	9.1	10.0	12.2	13.4	10.5	1523	24.1	3495	48.3	7004	125
SAE100R14-0011	11	-8	9.9	10.9	12.9	14.3	7	1015	20.7	3002	41.4	6003	135
SAE100R14-0013	12.5	-10	12.3	13.3	15.3	16.8	5.6	812	20.7	3002	41.4	6003	165
SAE100R14-0016	16	-12	15.3	16.5	18.6	20.1	5.6	812	17.2	2494	34.5	5003	200
SAE100R14-0019	19	-14	18.4	19.6	21.3	23.3	5.6	812	16.8	2436	27.6	4002	230
SAE100R14-0022	22	-16	21.4	23.0	24.6	26.9	5.6	812	12.1	1755	24.1	3495	230
SAE100R14-0025	25	-18	24.6	26.2	27.8	29.8	5.6	812	12.1	1755	24.1	3495	300
SAE100R14-0029	29	-20	27.8	29.4	31.9	31.9	4.2	609	8.6	1247	17.2	2494	410

SAE 100R15

Heavy Duty High Pressure Impulse Spiral Steel Wire Hydraulic Rubber Hose



SAE 100R15 high pressure hydraulic hose is reinforced by four or six alternating layers of spiral and high-tensile steel wire. It is very popular in logging, construction, mining, agriculture and oil field equipment, because it can work constantly under high pressure.

Tube: An Inner tube of oil resistant synthetic rubber compounds.

Reinforcement: Multiple spiral piles of heavy steel wire wrapped in alternating directions.

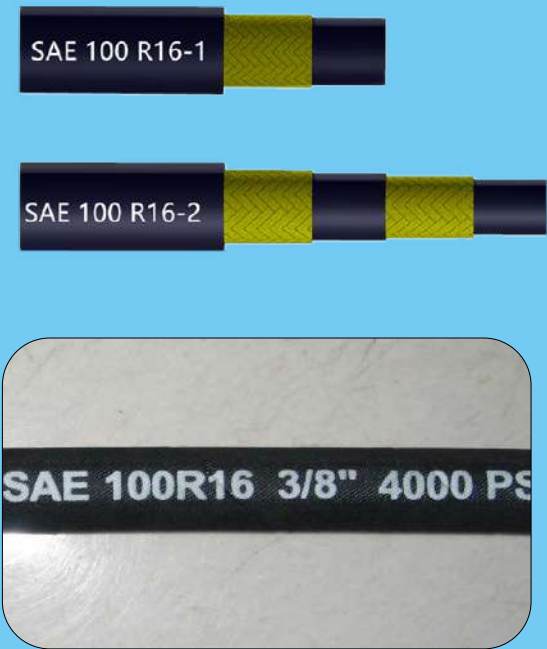
Cover: An oil and weather resistant synthetic rubber.

Temperature: -40 °C to +120 °C (-40 °F to +250 °F).

SAE 100R15 Heavy Duty High Pressure Impulse Spiral Steel Wire Hydraulic Rubber Hose Technical Specification															
PART NO.	Size		SAE Size	ID		Reinforcement W.D	OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R15-0010	10	3/8	-6	9.3	10.1	20.3	23.3	42	6090	84	12180	168	24360	150	0.80
SAE100R15-0013	12.7	1/2	-8	12.3	13.5	24.0	26.8	42	6090	84	12180	168	24360	200	0.95
SAE100R15-0019	19	3/4	-12	18.6	19.8	32.0	36.1	42	6090	84	12180	168	24360	265	1.85
SAE100R15-0025	25	1	-16	25.0	26.4	38.9	42.9	42	6090	84	12180	168	24360	330	2.90
SAE100R15-0032	31.5	1 1/4	-20	31.4	33.0	48.4	51.5	42	6090	84	12180	168	24360	445	4.20
SAE100R15-0038	38	1 1/2	-24	37.7	39.3	56.3	59.6	42	6090	84	12180	168	24360	530	5.60

SAE 100R16

Compact High Pressure One and Two Steel Wire Hydraulic Rubber Hose



SAE 100R16 compact high pressure hydraulic rubber hose is reinforced by two braids of high-tensile steel wire. And it shares similar specifications with SAE 100R2 except tighter bending radius. Black nitrile tube will not react with water or petroleum-based hydraulic fluid. Neoprene cover is resistant to abrasion, weather degradation and chemicals. SAE 100R16 compact high pressure hydraulic rubber hose has priority when you choose hydraulic hoses for narrow routing spacing, it is applied for backhoe, farm tractor, forklift truck, dump truck, mobile equipment. It is used with petroleum base hydraulic fluids within -40 °C to +100 °C.

- Tube:** An inner tube of oil resistant synthetic rubber.
- Reinforcement:** Steel wire reinforcement according to hose design (one or two braids).
- Cover:** An oil and weather resistant synthetic rubber.
- Temperature:** -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R16 Compact High Pressure One and Two Steel Wire Hydraulic Rubber Hose Technical Specification															
PART NO.	Size		SAE Size	ID		Reinforcement W.D	OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R16-0006	6.3	1/4	-4	6.2	7.0	12.3	14.5	35	5075	70	10150	140	20300	50	0.30
SAE100R16-0008	8	5/16	-5	7.7	8.5	13.3	15.7	30	4305	59.5	8625	119	17255	55	0.34
SAE100R16-0010	10	3/8	-6	9.3	10.1	15.9	18.8	33	4060	56	8120	112	16240	65	0.42
SAE100R16-0013	12.5	1/2	-8	12.3	13.5	19.0	22.0	27.5	3550	49	7105	98	14210	90	0.54
SAE100R16-0016	16	5/8	-10	15.5	16.7	22.6	25.4	25	2780	38.5	5580	77	11165	100	0.68
SAE100R16-0019	19	3/4	-12	18.6	19.8	26.3	29.0	21.5	2275	31.5	4565	63	9135	120	0.80
SAE100R16-0025	25	1	-16	25.0	26.4	34.0	36.6	16.5	2030	28	4060	56	8120	150	1.15
SAE100R16-0032	31.5	1 1/4	-20	31.4	33.0	41.9	44.3	12.5	1635	22.7	3290	45.5	6595	210	1.83

SAE 100R17

Compact 21MPa Maximum Working Pressure Hydraulic Rubber Hose



SAE 100R17 compact hydraulic rubber hose has smaller bend radius and is ideal for tight routing where hose space is limited. It provides continuous working pressure to mining equipment, logging equipment, material handling and farm tractor.

It consists of an inner tube of oil resistant synthetic rubber, steel wire reinforcement according to hose design (one or two braids), and a synthetic rubber cover that is resistant to oil and weather. A ply or braid of suitable material may be used over the inner tube or over the wire reinforcement to anchor the synthetic rubber to the wire.

- Tube:** Inner tube of oil resistant synthetic rubber.
- Reinforcement:** Steel wire reinforcement according to hose design (one or two braids).
- Cover:** An oil and weather resistant synthetic rubber.
- Temperature:** -40 °C to +100 °C (-40 °F to +212 °F).

SAE 100R17 Compact 21MPa Maximum Working Pressure Hydraulic Rubber Hose Technical Specification															
PART NO.	Size		SAE Size	ID		Reinforcement W.D	OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
SAE100R17-0006	6.3	1/4	-4	6.2	7.0	11.0	13.2	21	3045	42	6090	84	12180	50	0.169
SAE100R17-0008	8	5/16	-5	7.7	8.5	13.0	15.0	21	3045	42	6090	84	12180	55	0.210
SAE100R17-0010	10	3/8	-6	9.3	10.1	15.0	17.0	21	3045	42	6090	84	12180	65	0.254
SAE100R17-0013	12.5	1/2	-8	12.3	13.5	18.8	21.1	21	3045	42	6090	84	12180	90	0.466
SAE100R17-0016	16	5/8	-10	15.5	16.7	23.6	25.9	21	3045	42	6090	84	12180	100	0.586
SAE100R17-0019	19	3/4	-12	18.6	19.8	27.7	30.3	21	3045	42	6090	84	12180	120	0.749
SAE100R17-0025	25	1	-16	25.0	26.4	35.6	35.6	21	3045	42	6090	84	12180	150	1.457



EN 853 1SN Steel Wire Reinforced Hydraulic Rubber Hose

EN 853 1SN single wire braided hydraulic hose is mainly used in high pressure hydraulic systems. It is not suitable for applications that requires removing.

High tensile steel braid makes the hose operate in high working pressure. What's more, ozone and weather resistant synthetic rubber cover can prevent the inside reinforcement and tube from abrasion and corrosion. It is suitable for carrying fluids such as glycol, mineral oil, fuel, lubricants, emulsion, hydrocarbon etc.

Tube: Inner tube in high quality synthetic rubber compounds.

Reinforcement: One single high tensile steel wire braid.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 853 1ST /1SN Steel Wire Reinforced Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD			Max W.P		Proof Pressure		Min B.P		Min B.R	Weight	
	mm	inch		dash	min	max	min	max	A		AT	MPa	Psi	MPa	Psi	MPa			Psi
									min	max	max								
EN8531SN-0005	5	3/16	-3	4.6	5.4	9.0	10.0	11.9	13.5	12.5	25	3625	50	7250	100	14500	90	0.20	
EN8531SN-0006	6.3	1/4	-4	6.2	7.0	10.6	11.6	15.1	16.7	14.1	22.5	3260	45	6525	90	13050	100	0.25	
EN8531SN-0008	8	5/16	-5	7.7	8.5	12.1	13.3	16.7	18.3	15.7	21.5	3120	43	6235	85	12325	115	0.31	
EN8531SN-0010	10	3/8	-6	9.3	10.1	14.5	15.7	19.0	20.6	18.1	18	2610	36	5220	72	10440	130	0.36	
EN8531SN-0013	12.5	1/2	-8	12.3	13.5	17.5	19.1	22.2	23.8	21.4	16	2320	32	4640	64	9280	180	0.45	
EN8531SN-0016	16	5/8	-10	15.5	16.7	20.6	22.2	25.4	27.0	24.5	13	1885	26	3770	52	7540	200	0.52	
EN8531SN-0019	19	3/4	-12	18.6	19.8	24.6	26.2	29.4	31.0	28.5	10.5	1520	21	3045	42	6090	240	0.65	
EN8531SN-0025	25	1	-16	25.0	26.4	32.5	34.1	37.1	39.1	36.6	8.8	1280	17.5	2540	35	5075	300	0.91	
EN8531SN-0032	31.5	1 1/4	-20	31.4	33.0	39.3	41.7	44.4	47.6	44.8	6.3	910	15	2175	25	3625	420	1.30	
EN8531SN-0038	38	1 1/2	-24	37.7	39.3	45.6	48.0	50.8	54.0	52.1	5	725	10	1450	20	2900	500	1.70	
EN8531SN-0051	51	2	-32	50.4	52.0	58.7	61.7	65.1	68.3	65.5	4	580	8	1160	16	2320	630	2.00	

EN 853 2SN Steel Wire Reinforced Hydraulic Rubber Hose



EN 853 2SN hydraulic rubber hose is reinforced by two braids of high tensile steel wire to support high working pressures up to 6020 Psi at 3/16" I.D. Oil resistant tube and ozone resistant, abrasion resistant cover contribute for long-term service life. It can be applied for conveying water and petroleum-based hydraulic fluids within -40 °C to +100 °C (max 120 °C intermittent).

They are applied for outside applications such as offshore, forestry, factories and similar applications where abrasion resistance should be high.

Tube: Inner tube in high quality synthetic rubber compounds.

Reinforcement: Two high tensile steel wire braid.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 853 2ST /2SN Steel Wire Reinforced Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD			Max W.P		Proof Pressure		Min B.P		Min B.R	Weight	
	mm	inch		dash	min	max	min	max	A		AT	MPa	Psi	MPa	Psi	MPa			Psi
									min	max	max								
EN8532SN-0005	5	3/16	-3	4.6	5.4	10.6	11.6	15.1	16.7	14.1	41.5	6020	83	12035	165	23925	90	0.32	
EN8532SN-0006	6.3	1/4	-4	6.2	7.0	12.1	13.3	16.7	18.3	15.7	40	5800	80	11600	160	23200	100	0.36	
EN8532SN-0008	8	5/16	-5	7.7	8.5	13.7	14.9	18.3	19.9	17.3	35	5075	70	10150	140	20300	115	0.45	
EN8532SN-0010	10	3/8	-6	9.3	10.1	16.1	17.3	20.6	22.2	19.7	33	4785	66	9570	132	19140	130	0.54	
EN8532SN-0013	12.5	1/2	-8	12.3	13.5	19.0	20.6	23.8	25.4	23.0	27.5	3990	55	7975	110	15950	180	0.68	
EN8532SN-0016	16	5/8	-10	15.5	16.7	22.2	23.8	27.0	28.6	26.2	25	3625	50	7250	100	14500	200	0.80	
EN8532SN-0019	19	3/4	-12	18.6	19.8	26.2	27.8	31.0	32.6	30.1	21.5	3120	43	6235	85	12325	240	0.94	
EN8532SN-0025	25	1	-16	25.0	26.4	34.1	35.7	38.5	40.9	38.9	16.5	2390	32.5	4710	65	9425	300	1.35	
EN8532SN-0032	31.5	1 1/4	-20	31.4	33.0	43.3	45.7	49.2	52.4	49.5	12.5	1810	25	3625	50	7250	420	2.15	
EN8532SN-0038	38	1 1/2	-24	37.7	39.3	49.6	52.0	55.6	58.8	55.9	9	1305	18	2310	36	5220	500	2.65	
EN8532SN-0051	51	2	-32	50.4	52.0	62.3	64.7	68.2	71.4	68.6	8	1160	16	2320	32	4640	630	3.42	
EN8532SN-0064	64	2 1/2	-40	63.5	65.0	74.0	75.0	79.0	80.0	79.3	5	725	10	1450	20	2900	790	3.74	
EN8532SN-0076	76	3	-48	76.2	77.2	86.0	87.0	92.0	93.0	93.8	4	580	8	1160	16	2320	920	4.77	
EN8532SN-0089	89	3 1/2	-56	88.9	89.9	99.0	100.0	106.0	107.0	107.9	3	435	6	870	12	1740	1060	5.73	
EN8532SN-0102	102	4	-64	101.6	102.6	112.0	113.0	118.0	119.0	120.0	3	435	6	870	12	1740	1200	6.16	
EN8532SN-0127	127	5	-80	127.0	128.0	137.0	138.0	143.0	144.0	145.1	2	290	4	580	8	1160	1450	7.32	



EN 856 2SP Steel Wire Spiraled Hydraulic Rubber Hose

EN 856 2SP hydraulic rubber hose reinforced with two layers of high tensile spiral wire give the hose best abrasion resistance and impulse fatigue. This kind of reinforcement is ideal for outdoor applications like forestry and mine equipment.

Oil resistant synthetic rubber live peacefully with water and petroleum based hydraulic fluids within -40°C to +100°C. If the working temperature is lower or higher than the temperature, the service life of the hose will be materially affected.

Tube: Inner tube in high quality synthetic rubber compounds.

Reinforcement: Two high tensile steel wire spiraled layers.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 856 2SP Steel Wire Spiraled Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
EN8562SP-0006	6.3	1/4	-4	6.0	6.5	12.5	13.1	16	16.8	60	8700	120	17400	240	34800	130	0.40
EN8562SP-0010	10	3/8	-6	10.0	10.5	16.0	16.6	21	21.8	60	8700	120	17400	240	34800	160	0.75
EN8562SP-0012	12.5	1/2	-8	13.0	13.5	21.6	22.5	25	26.0	60	8700	120	17400	240	34800	210	0.90
EN8562SP-0016	16	5/8	-10	16.0	16.7	22.5	23.3	26.5	27.5	46	6670	121	17545	242	35090	260	1.00
EN8562SP-0019	19	3/4	-12	19.0	19.8	27.0	27.8	31	32.0	32	4640	122	17690	244	35380	280	1.30
EN8562SP-0025	25	1	-16	25.3	25.8	33.5	34.3	38	39.5	25	10150	123	17835	246	35670	360	1.54
EN8562SP-0031	31.5	1 1/4	-20	31.5	32.8	41.0	41.8	46	47.5	20	2900	124	17980	248	35960	460	2.14
EN8562SP-0038	38	1 1/2	-24	38.0	39.3	47.0	47.8	51	52.5	18	2610	125	18125	250	36250	580	2.60
EN8562SP-0051	51	2	-32	51.0	52.5	60.8	61.8	65	66.5	15	2175	126	18270	252	36540	720	3.42
EN8562SP-0064	64	2 1/2	-40	64.0	65.2	74.5	75.5	78	79.5	15	6525	127	18415	254	36830	790	4.10
EN8562SP-0076	76	3	-48	76.0	77.4	94.5	95.5	99	100.5	15	2175	128	18560	256	37120	920	10.00
EN8562SP-0102	102	4	-64	101.8	102.8	123.0	125.0	130	132.0	15	2175	130	18850	260	37700	1200	12.00
EN8562SP-0127	127	5	-80	127.0	129.0	146.0	148.0	152	154.0	8	1160	131	18995	262	37990	1500	14.00
EN8562SP-0152	152	6	-96	152.0	155.0	173.0	175.0	180	182.0	8	1160	132	19140	264	38280	2280	16.00
EN8562SP-0203	203	8	-128	203.0	206.0	226.0	228.0	232	234.0	8	1160	133	19285	266	38570	3050	18.00
EN8562SP-0254	254	10	-160	254.0	257.0	280.0	282.0	288	290.0	8	1160	134	19430	268	38860	3810	20.00
EN8562SP-0305	305	12	-192	305.0	308.0	330.0	332.0	338	340.0	8	1160	135	19575	270	39150	4510	28.00

EN 856 4SH Steel Wire Spiraled Hydraulic Rubber Hose



EN 856 4SH steel wire spiraled hydraulic rubber hose consists of an inner tube that is made of oil resistant synthetic rubber, four spiral layers of spiral wire reinforcement, and it is covered with oil and weather resistant synthetic rubber. Spiral hydraulic hose shares outstanding kick resistance, impulse resistance and can support surge pressure.

EN 856 4SH hydraulic hose is widely used in applications where high pressure, high abrasion and kick resistance are urgently required, petroleum base hydraulic fluids within temperature range of -40 °C to +100 °C.

Tube: Inner tube in high quality synthetic rubber compounds.

Reinforcement: Four high tensile steel wire spiraled layers.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 856 4SH Steel Wire Spiraled Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
EN8564SH-0019	19	3/4	-12	18.6	19.8	27.6	29.2	31.4	33.0	42	6090	87	12180	168	24360	280	1.70
EN8564SH-0025	25	1	-16	25.0	26.4	34.4	36.0	37.5	39.9	38	5510	76	11020	152	22040	340	2.50
EN8564SH-0032	31.5	1 1/4	-20	31.4	33.0	40.9	42.9	43.9	47.1	32.5	4710	65	9425	130	18850	460	3.00
EN8564SH-0038	38	1 1/2	-24	37.7	39.3	49.8	49.8	51.9	55.1	29	4205	58	8410	116	16820	560	3.60
EN8564SH-0051	51	2	-32	50.4	52.0	64.2	64.2	66.5	69.7	25	3625	50	7250	100	14500	700	5.00

EN 856 4SP Steel Wire Spiraled Hydraulic Rubber Hose



EN 856 4SP hydraulic rubber hose is similar to EN 856 4SH hydraulic hose, but the working pressure (under the same working temperature) is higher than EN 856 4SH hose. Four layers of high tensile spiral wires give the hose best abrasion resistance and impulse fatigue. This kind of reinforcement is ideal for outdoor applications like forestry and mine equipment.

Oil resistance synthetic rubber lives peacefully with water and petroleum based hydraulic fluids within -40 °C to +100 °C. If the working temperature is lower or higher than the temperature, the service life of the hose will be materially affected.

Tube: Inner tube in high quality synthetic rubber compounds.

Reinforcement: Four high tensile steel wire spiraled layers.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 856 4SP Steel Wire Spiraled Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
EN856 4SP0006	6.3	1/4	-4	6.2	7.0	14.1	15.3	17.1	18.7	45	6525	90	13050	180	26100	150	0.64
EN856 4SP0010	10	3/8	-6	9.3	10.1	16.9	18.1	20.6	22.2	45	6525	90	13050	180	26100	180	0.75
EN856 4SP0013	12.5	1/2	-8	12.3	13.5	19.4	21.0	23.8	25.4	44.5	6450	89	12905	178	25810	230	0.89
EN856 4SP-0016	16	5/8	-10	15.5	16.7	23.0	24.6	27.4	29.0	44.5	6450	89	12905	178	25810	250	1.10
EN856 4SP-0019	19	3/4	-12	18.6	19.8	27.4	29.0	31.4	33.0	43	6235	86	12470	172	24940	300	1.50
EN856 4SP-0025	25	1	-16	25.0	26.4	34.5	36.1	38.5	40.9	43	6235	86	12470	172	24940	340	2.00
EN856 4SP-0032	31.5	1 1/4	-20	31.4	33.0	45.0	47.0	49.2	52.4	41.5	6020	83	12035	166	24070	460	3.00
EN856 4SP-0038	38	1 1/2	-24	37.7	39.3	51.4	53.4	55.6	58.8	41.5	6020	83	12035	166	24070	560	3.40
EN856 4SP-0051	51	2	-32	50.4	52.0	64.3	66.3	68.2	71.4	40	5800	80	11600	160	23200	660	4.35
EN856 4SP-0064	64	2-1/2	-40	62.8	65.2	77.0	79.0	82.5	85.5	35	5075	70	10150	140	20300	900	6.3
EN856 4SP-0076	76	3	-48	75.0	77.4	102	103.0	107	108.0	35	5075	52.5	7612.5	73.5	10657.5	1200	16.50
EN856 4SP-0089	89	3-1/2	-56	88.0	90.4	114	115.5	120	121.0	35	5075	52.5	7612.5	73.5	10657.5	1300	18.40
EN856 4SP-0102	102	4	-64	101.5	103.5	129	131.0	133	134.5	35	5075	52.5	7612.5	73.5	10657.5	1400	20.30
EN856 4SP-0127	127	5	-80	126.0	128.7	156	157.5	164	166.0	35	5075	52.5	7612.5	73.5	10657.5	1500	22.00
EN856 4SP-0152	152	6	-96	151.0	154.0	184	187.0	192	194.0	16	2320	24	3480	33.6	4872	2580	30.00
EN856 4SP-0203	203	8	-128	202.0	205.0	235	238.0	243	245.0	16	2320	24	3480	33.6	4872	3350	45.00
EN856 4SP-0254	254	10	-160	254.0	256.0	291	294.0	299	302.0	16	2320	24	3480	33.6	4872	4110	48.00



EN 856 6SP Steel Wire Spiraled Hydraulic Rubber Hose

EN 856 6SP hydraulic rubber hose reinforced with six layers of high tensile spiral wire give the hose best abrasion resistance and impulse fatigue. This kind of reinforcement is ideal for outdoor applications like forestry and mine equipment.

Oil resistant synthetic rubber live peacefully with water and petroleum based hydraulic fluids within -40°C to +100°C. If the working temperature is lower or higher than the temperature, the service life of the hose will be materially affected.

Tube: Inner tube in high quality synthetic rubber compounds.

Reinforcement: Six high tensile steel wire spiraled layers.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 856 6SP Steel Wire Spiraled Hydraulic Rubber Hose Technical Specification																	
PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD		Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	min	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
EN8566SP-0006	6.3	1/4	-4	5.5	6.5	15.8	17.4	20.6	21.6	110	15950	220	31900	310	44950	180	0.95
EN8566SP-0010	10	3/8	-6	9.3	10.5	21.0	22.6	25.8	26.8	90	13050	180	26100	270	39150	210	1.48
EN8566SP-0012	12.5	1/2	-8	12.5	13.5	24.0	25.6	27.8	29.8	90	13050	180	26100	270	39150	260	1.75
EN8566SP-0016	16	5/8	-10	15.5	16.7	27.2	29.6	32	34.0	80	11600	160	23200	240	34800	310	2.02
EN8566SP-0019	19	3/4	-12	18.5	19.8	32.2	33.8	37	38.5	80	11600	160	23200	240	34800	350	2.49
EN8566SP-0025	25	1	-16	24.2	25.8	38.3	39.8	42.5	45.5	75	7395	150	14790	225	32625	430	2.82
EN8566SP-0031	31.5	1 1/4	-20	31.2	32.8	46.2	47.8	50.4	52.0	75	10875	150	21750	225	32625	530	3.79
EN8566SP-0038	38	1 1/2	-24	37.7	39.3	58.0	60.0	72	73.5	70	10150	140	20300	210	32625	660	5.76
EN8566SP-0051	51	2	-32	50.4	52.0	68.0	70.0	74	75.0	70	10150	140	20300	210	32625	1000	6.20
EN8566SP-0064	64	2 1/2	-40	62.8	65.2	83.0	85.0	88.5	89.6	70	10150	140	20300	210	32625	1200	7.40
EN8566SP-0076	76	3	-48	74.6	77.4	112.0	113.5	117	119.0	70	10150	140	20300	210	32625	1300	16.70
EN8566SP-0089	89	3 1/2	-56	89.1	91.5	122.0	123.5	129	131.0	70	10150	140	20300	210	32625	1400	23.70
EN8566SP-0102	102	4	-64	101.8	102.8	140.0	141.5	146	148.0	70	10150	140	20300	210	32625	1600	26.60



EN 857 1SC Steel Wire Reinforced Hydraulic Rubber Hose

EN 857 1SC hydraulic hose has similar performance as its counterpart SAE 100R1 besides tighter bending radii. It is reinforced by one high tensile wire braid. Ozone and weather resistant cover separates the tube from the outside environment and effectively extends the service life of hose. Single wire braided 1SC high pressure hydraulic hose is suitable for high pressure conditions where tight routing is required.

Tube: Oil resistant synthetic rubber.

Reinforcement: One high tensile steel wire braid.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 857 1SC Steel Wire Reinforced Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
EN8571SC-0006	6.3	1/4	-4	6.1	6.9	9.6	10.8	13.5	22.5	3260	45	6525	90	13050	75	0.20
EN8571SC-0008	8	5/16	-5	7.7	8.5	10.9	12.1	14.5	21.5	3120	43	6235	86	12470	85	0.15
EN8571SC-0010	10	3/8	-6	9.3	10.1	12.7	14.5	16.9	18	2610	36	5220	72	10440	90	0.19
EN8571SC-0013	12.5	1/2	-8	12.3	13.5	15.9	18.1	20.4	16	2320	32	4640	64	9280	130	0.23
EN8571SC-0016	16	5/8	-10	15.5	16.7	19.8	21.0	23.0	13	1885	26	3770	52	7540	150	0.29
EN8571SC-0019	19	3/4	-12	18.6	19.8	23.2	24.4	26.7	10.5	1520	21	3045	42	6090	180	0.34
EN8571SC-0025	25	1	-16	25.0	26.4	30.7	31.9	34.9	8.8	1280	17.6	2550	35.2	5100	230	0.49



EN 857 2SC Steel Wire Reinforced Hydraulic Rubber Hose

High pressure and two wire braided EN 857 2SC hydraulic rubber hose serves hydraulic systems where tight bends and maximum abrasion resistance is desperately required. It is reinforced by two high tensile wire braids. Its superior impulse performance and flexibility are similar to SAE 100R2 and SAE 100R16. Chemicals and weather resistant cover can obviously prolong service life of the whole hose. High tensile wire braids can support rubber working under high working pressure with tight bend radius. Oil resistant tube will not deform when transporting water and petroleum based hydraulic fluids within -40 °C to +100 °C.

Tube: Oil resistant synthetic rubber.

Reinforcement: Two layers of braided high tensile steel wire.

Cover: Abrasion and weather resistant synthetic rubber.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

EN 857 2SC Steel Wire Reinforced Hydraulic Rubber Hose Technical Specification

PART NO.	Size		SAE Size	ID		Reinforcement W.D		OD	Max W.P		Proof Pressure		Min B.P		Min B.R	Weight
	mm	inch	dash	min	max	min	max	max	MPa	Psi	MPa	Psi	MPa	Psi	mm	kg/m
EN8572SC-0006	6.3	1/4	-4	6.1	6.9	10.6	11.7	14.2	40	5800	80	11600	160	23200	75	0.30
EN8572SC-0008	8	5/16	-5	7.7	8.5	12.1	13.3	16.0	35	5075	70	10120	140	20300	85	0.34
EN8572SC-0010	10	3/8	-6	9.3	10.1	14.4	15.6	18.3	33	4785	66	9570	132	19140	90	0.42
EN8572SC-0013	12.5	1/2	-8	12.3	13.5	17.5	19.1	21.5	27.5	3990	55	7975	110	15950	130	0.54
EN8572SC-0016	16	5/8	-10	15.5	16.7	20.5	22.3	24.7	25	3625	50	7250	100	14500	170	0.68
EN8572SC-0019	19	3/4	-12	18.6	19.8	24.6	26.4	28.6	21.5	3120	43	6235	86	12470	200	0.80
EN8572SC-0025	25	1	-16	25.0	26.4	32.5	34.3	36.6	16.5	2390	33	4785	66	9570	250	1.15

Application



Low Pressure Hose

Adhere to international quality standards.



Acid and Alkali Resistant Rubber Hose



Acid and alkali resistant rubber hose is applied for conveying sulphuric acid with a concentration below 40% and other inorganic acids (except nitric acids) as well as dilute alkali at no more than 45 °C.

Tube: Smooth, EPDM rubber compound.

Cover: Smooth (wrapped finish), EPDM rubber compound.

Reinforcement: High strength synthetic cord plus helix wire.

Temperature: -40 °C to +120 °C (-40 °F to +248 °F).

Acid and Alkali Resistant Rubber Hose Technical Specification

PART NO.	ID		OD	Max W.P		Min B.P		Layer	Length	Weight
	inch	mm	mm	Psi	MPa	Psi	MPa	inch	m	kg/m
ARRH-0013	1/2	13	22	260	1.8	780	5.4	2	20	0.46
ARRH-0016	5/8	16	24	260	1.8	780	5.4	2	20	0.51
ARRH-0019	3/4	19	29	260	1.8	780	5.4	2	20	0.73
ARRH-0022	7/8	22	31	260	1.8	780	5.4	2	20	0.82
ARRH-0025	1	25	34	260	1.8	780	5.4	2	20	1
ARRH-0032	1 1/4	32	43	260	1.8	780	5.4	4	20	1.3
ARRH-0038	1 1/2	38	50	260	1.8	780	5.4	4	20	1.5
ARRH-0045	1 3/4	45	57	260	1.8	780	5.4	4	20	1.8
ARRH-0051	2	51	63	260	1.8	780	5.4	4	20	2.4
ARRH-0064	2 1/2	64	77	260	1.8	780	5.4	4	20	2.8
ARRH-0076	3	76	90	260	1.8	780	5.4	4	20	3.1
ARRH-0089	3 1/2	89	103	260	1.8	780	5.4	4	20	3.4
ARRH-0102	4	102	116	260	1.8	780	5.4	4	20	3.9
ARRH-0127	5	127	144	260	1.8	780	5.4	6	10	4.5
ARRH-0152	6	152	169	260	1.8	780	5.4	6	10	6

Air and Water Hose



Air and Water Hose is used to transfer air or water for many equipment. It can be used in many places, for example amusement of scuba diving and transportation of auto braking. In fueling stations, air can be obtained by the air compressors to cars. In addition, air hoses can be used for various types of air tools that require operating by compressed air, such as air sprayers. This hose also an excellent choice for high pressure air and wash down service.

Tube: Black, smooth, electrically conductive, NBR rubber compound, oil resistant.

Cover: Black/Yellow/Green SBR smooth (wrapped) electrically conductive, CR rubber compound, fire, oil and weather resistant.

Reinforcement: High strengthen synthetic cord.

Temperature: -15 °C to +70 °C (-5 °F to +158 °F).

Air and Water Hose Technical Specification										
PART NO.	I.D		O.D.		Working Pressure		Burst Pressure		Weight	
	mm	inch	mm	inch	MPa	Psi	MPa	Psi	kg/m	lbs/ft
AH-0008	8	5/16	16	5/8	1.75	260	7	1050	0.2	0.13
AH-0010	10	3/8	18	21/32	1.75	260	7	1050	0.25	0.17
AH-0013	13	1/2	23	29/32	1.75	260	7	1050	0.35	0.24
AH-0016	16	5/8	28	1 3/25	1.75	260	7	1050	0.42	0.53
AH-0019	19	3/4	32	1 1/4	1.75	260	7	1050	0.58	0.71
AH-0025	25	1	36	1 27/64	1.75	260	7	1050	0.66	0.44
AH-0038	38	1 1/2	52.5	2 3/64	1.75	260	7	1050	1.21	0.82
AH-0051	51	2	66	2 19/32	1.75	260	7	1050	1.62	1.09
AH-0063	63	2-1/2	78	3-17/25	1.75	260	7	1050	2.56	1.72
AH-0076	76	3	90	3-13/25	1.75	260	7	1050	2.97	1.99

Food Piping Hose



Food piping hose is manufactured from hygienic grade nontoxic rubber compound which is designed for multiple use in breweries for conveying wine, alcoholic liquors. It is also commonly used in dairy plants for carrying milk and other dairy products, and also edible oils or any other food stuff from one point to another.

Tube: Abrasion, ozone and weather resistant synthetic rubber.

Cover: White or blue CR/BR.

Reinforcement: High tensile cord and high tensile steel wire helix.

Temperature: -20 °C to +80 °C (-4 °F to +176 °F).

Food Piping Hose Technical Specification

PART NO.	ID		OD	Max W.P		Min B.P		Layer	Weight
	inch	mm	mm	Psi	MPa	Psi	MPa	inch	kg/m
FPH-0019	3/4	19	32	217	1.5	651	4.5	2	0.60
FPH-0025	1	25	39	217	1.5	651	4.5	2	0.74
FPH-0032	1 1/2	32	52	217	1.5	651	4.5	2	1.06
FPH-0051	2	51	65	217	1.5	651	4.5	2	1.41
FPH-0076	3	76	95	217	1.5	651	4.5	2	2.25
FPH-0102	4	102	120	217	1.5	651	4.5	2	2.95

Mud Piping Hose



Mud piping hose is almost used for suction of mud and slurry purposes as it has high suction capacity and it is highly flexible.

Lining: A blend of natural & synthetic rubber compound having high resistance abrasion & water absorption resistance.

Cover: Modified natural rubber (excellent resistance to weather & abrasion).

Reinforcement: Natural & synthetic fabrics /GI wire / SS pipe.

Temperature: -40 °C to +65 °C (-40 °F to +150 °F).

Mud Piping Hose Technical Specification									
PART NO.	ID		OD	Max W.P		Min B.P		Layer	Weight
	inch	mm	mm	Psi	MPa	Psi	MPa	inch	kg/m
MPH-0203	8	203	233	16	1.6	48	4.8	6	6
MPH-0220	8 3/4	220	250	16	1.6	48	4.8	6	6
MPH-0250	10	250	280	16	1.6	48	4.8	6	6
MPH-0275	11	275	310	16	1.6	48	4.8	6	6
MPH-0305	12	305	340	12	1.2	48	3.6	10	6
MPH-0316	12 5/8	316	352	12	1.2	36	3.6	10	6
MPH-0400	16	400	436	12	1.2	36	3.6	10	6
MPH-0445	17 1/2	445	480	12	1.2	36	3.6	10	6
MPH-0460	18 2/5	460	500	12	1.2	36	3.6	12	6
MPH-0530	21 1/2	530	584	10	1	30	3	12	6
MPH-0560	22 2/5	560	614	10	1	30	3	12	6
MPH-0584	23 1/5	584	644	10	1	30	3	12	6
MPH-0610	24 2/5	610	670	10	1	30	3	16	6
MPH-0700	28	700	770	10	1	30	3	16	6
MPH-0900	36	900	970	10	1	30	3	16	6

Oil and Heat Resistance Rubber Hose



Oil and heat resistance rubber hose is applied for transferring gasoline, kerosene, diesel oil, motor oil and other mineral oil and water.

Tube: Black, smooth, resistance to high temperature EPDM synthetic rubber.

Cover: Black, smooth(wrapped finish) synthetic EPDM rubber. High temperature, oil and weather resistant.

Reinforcement: High strength synthetic cord with two layers of helix wires.

Temperature: -32 °C to +82 °C (-25 °F to +180 °F).

Oli and Heat Resistance Rubber Hose Technical Specification									
PART NO.	ID		OD	Max W.P		Min B.P		Weight	Length
	inch	mm		Psi	MPa	Psi	MPa		
OHRH-0006	1/4	6	13	270	1.8	2700	18	0.18	50
OHRH-0008	5/16	8	15	270	1.8	2700	18	0.21	50
OHRH-0010	3/8	10	21	270	1.8	2700	18	0.38	50
OHRH-0013	1/2	13	27	270	1.8	2700	18	0.44	50
OHRH-0019	3/4	19	29	270	1.8	2700	18	0.60	50
OHRH-0025	1	25	37	270	1.8	2700	18	0.75	50
OHRH-0032	1-1/4	32	45	270	1.8	2700	18	1.25	50
OHRH-0038	1 1/2	38	55	270	1.8	2700	18	1.20	20
OHRH-0045	1-3/4	45	58	270	1.8	2700	18	1.76	20
OHRH-0051	2	51	65	270	1.8	2700	18	1.60	20
OHRH-0064	2 1/2	64	80	270	1.8	2700	18	2.00	20
OHRH-0076	3	76	96	270	1.8	2700	18	2.60	20
OHRH-0090	3 1/2	90	110	270	1.8	2700	18	3.20	20
OHRH-0101	4	101	126	270	1.8	2700	18	3.90	20

Tank Truck Oil Suction Hose



Tank Truck Oil Suction Hose is light weight and enough flexible hose which suitable for suction of gasoline, Alcohol blended fuels, Kerosene, diesel oil and lubricating oil and so on. It is used for delivery a wide range of petroleum products for suction and discharge applications.

Tube: Black, smooth, Nitrile rubber compound.

Cover: Black, smooth(wrapped finish), high grade chloroprene rubber, compounded for an excellent resistance to weather, ozone, abrasion and oil.

Reinforcement: High strength synthetic cord plus helix wire.

Temperature: -40 °C to +100 °C (-40 °F to +212 °F).

Tank Truck Oil Suction Hose Technical Specification

ID		OD	Max W.P		Min B.P		Length	Weight
inch	mm	mm	psi	Mpa	psi	Mpa	m	kg/m
1	25	36	435	3	1087	7.5	60	1.0
1 1/4	32	45	435	3	1087	7.5	60	1.5
1 1/2	38	52	435	3	1087	7.5	60	1.9
2	51	65	435	3	1087	7.5	60	2.4
2 1/2	64	80	435	3	1087	7.5	60	2.9
3	76	94	435	3	1087	7.5	60	4.2
3 1/2	90	108	435	3	1087	7.5	60	4.5
4	102	122	360	2.5	900	6.2	60	4.8
5	127	172	360	2.5	900	6.2	40	5
6	152	182	217	1.5	540	3.75	40	5.3
8	203	240	217	1.5	540	3.75	20	5.8
10	250	290	217	1.5	435	3.0	20	10.3
12	300	340	217	1.5	435	3.0	20	17.5
14	355	395	217	1.5	326	2.25	10	19.0

Refuel Hose



Refuel hose is widely applied for general refueling equipment to convey aviation kerosene, gasoline, diesel oil and other mineral oil in airport oil depot and quay. The hose is flexible, it is available in black with either corrugated or smooth finish.

Tube: petrol, gasoline and fuel seamless resistant synthetic rubber.

Cover: wrapped or smooth.

Reinforcement: Multiple textile plies.

Temperature: -40 °C to +120 °C (-40 °F to +248 °F).

Standard: GB/T 24141.1-2009/ISO 19013-1: 2005

Refuel Hose Technical Specification								
ID		OD	Max W.P		Min B.P		Min B.R	Weight
inch	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
1/4	6.4	12.7	1.8	261	7.2	1044	50.8	0.16
1/3	7.9	14.3	1.8	261	7.2	1044	76.2	0.20
3/8	9.5	15.9	1.8	261	7.2	1044	88.9	0.25
1/2	12.7	19.8	1.8	261	7.2	1044	101.6	0.30
5/8	16	25	1.8	261	7.2	1044	160	0.57
3/4	19	29	1.8	261	7.2	1044	190	0.64
7/8	22	34	1.8	261	7.2	1044	254	0.74
1	25	38	1.8	261	7.2	1044	310	0.86
1 1/4	32	45	1.8	261	7.2	1044	362	1.10
1 1/2	38	51	1.8	261	7.2	1044	405	1.24

Sand Blasting Hose



Sand blasting hose is used for conveying sand or other abrasive materials engineered for sand/shot blasting purposes in ordnance factories, steel furniture manufacturing workshops and heavy engineering industries, etc.

Tube: High quality wear-resistance rubber.

Cover: High quality rubber material is anti-aging and wear resistance.

Reinforcement: Multi-layer of spiral fabric reinforcement.

Temperature: -20 °C to +70 °C (-4 °F to +158 °F).

Sand blasting hose Technical Specification									
PART NO.	ID		OD	Max W.P		Min B.P		Length	Weight
	inch	mm		Psi	MPa	Psi	MPa		
SBH-0013	1/2	13	27	174	1.2	696	4.8	20	0.43
SBH-0016	5/8	16	29	174	1.2	696	4.8	20	0.56
SBH-0019	3/4	19	35	174	1.2	696	4.8	20	0.74
SBH-0025	1	25	39	174	1.2	696	4.8	20	1.20
SBH-0032	1 1/4	32	49	174	1.2	696	4.8	20	1.30
SBH-0038	1 1/2	38	60	174	1.2	696	4.8	20	1.50
SBH-0051	2	51	71	174	1.2	696	4.8	20	2.10
SBH-0064	2 1/2	64	85	174	1.2	696	4.8	20	2.80
SBH-0076	3	76	97	174	1.2	696	4.8	20	3.65
SBH-0089	3 1/2	89	103	174	1.2	696	4.8	20	4.20
SBH-0102	4	102	129	174	1.2	696	4.8	20	5.70

Water Suction Hose



Water suction hose is applied for light re medium water suction and discharge operations, including delivery of water and other neutral liquids at normal temperature in industry mining, agriculture, construction work, parks and home daily life.

- Tube:** Nitrile rubber, EPDM/Seawater resistant inner lining
- Cover:** Black synthetic rubber, wrapped, spiral embossed layline which resistant to abrasion, weather and ozone resistant.
- Reinforcement:** Spiral-piled fabrics and wire helix.
- Temperature:** -32 °C to +82 °C (-25 °F to +180 °F).

Water Suction Hose Technical Specification										
PART NO.	ID		OD mm	Max W.P		Min B.R		Vacuum HG		Weight kg/m
	inch	mm		Psi	MPa	inch	mm	inch	mm	
WSH-0019	3/4	19	27	290	2.0	4	51	29	737	0.49
WSH-0025	1	25	34	290	2.0	6	102	29	737	0.61
WSH-0032	1 1/4	32	41	290	2.0	10	150	29	737	0.75
WSH-0038	1 1/2	38	47	290	2.0	16	200	29	737	0.94
WSH-0051	2	51	30	290	2.0	20	500	29	737	1.25
WSH-0064	2 1/2	64	73	290	2.0	25	635	29	737	1.61
WSH-0076	3	76	87	290	2.0	30	762	29	737	2.18
WSH-0090	3 1/2	90	100	290	2.0	35	889	29	737	2.68
WSH-0101	4	101	113	290	2.0	40	1000	29	737	3.02
WSH-0127	5	127	141	290	2.0	44	1170	29	737	4.98
WSH-0152	6	152	168	290	2.0	5155	1300	29	737	6.96
WSH-0203	8	203	222	290	2.0	55	1397	29	737	11.26
WSH-0253	10	253	254	290	2.0	60	1500	29	737	18.39
WSH-0305	12	305	332	290	2.0	64	1650	29	737	28.41
WSH-0406	16	406	440	290	2.0	90	2300	29	737	40.5

Application



A full-page background image showing the silhouette of an oil drilling rig against a vibrant sunset sky. The rig's derrick is the central focus, with its complex lattice structure clearly visible. The sky transitions from a deep orange near the horizon to a lighter, hazy yellow at the top. The rig's base and other structures are dark and silhouetted against the bright light of the setting sun.

Other Hoses

Vast selection of special hose.

Nylon Resin Hose

- *Nylon pressure pipe*



It is applied for areas of air, water, chemical substance lubrication, measuring appliance line, irrigation control system, textile mill, food products factory, vehicles and fuel delivery system in steamboats, vacuum system, air-conditioning system, vibrate insulator, static electricity insulator and so on. It can work regularly and still be the same flexible in -40°C to $+120^{\circ}\text{C}$.

Features:

1. PA-6, PA-11, PA-12 Nylon hose is abrasion-resisting and flexible, many other type of tubes can cause failure of material, it has no effect.
2. PA-6, PA-11, PA-12 Nylon hose is slippery so that the water can flow fluently without any rust and fouling.
3. PA-6, PA-11, PA-12 Nylon hose is flexible that it is easy to install and can resistant the corrosion of many chemicals material. It has a long lifetime in its applied range, with good tensile and bending stability.
4. PA-6, PA-11, PA-12 Nylon hose with maximum resistance can be used as the insulator.
5. PA-6, PA-11, PA-12 Nylon hose is with characteristics of steady size and lowest permeability.



Nylon Resin Hose

Nylon Pressure Hose Technical Specification

PART NO.	Mark of Pipe (mm)	OD (mm)	Thickness (mm)	Working Pressure (MPa)	Burst Pressure (MPa)	Tolerance	
						OD (mm)	ID (mm)
NPH4-0004-01	Φ4 × 0.75	4	0.75	2.4	9.5	±0.1	±0.1
NPH4-0004-02	Φ4 × 1	4	1	2.75	11	±0.1	±0.1
NPH5-0005-01	Φ4.7 × 0.61	4.7	0.61	2.5	10	±0.1	±0.1
NPH5-0005-02	Φ5 × 1	5	1	2	8	±0.1	±0.1
NPH6-0006-01	Φ6 × 1	6	1	2	8	±0.1	±0.1
NPH6-0006-02	Φ6 × 1.5	6	1.5	2	8	±0.1	±0.1
NPH7-0007	Φ7 × 1	7	1	2	8	±0.1	±0.1
NPH8-0008-01	Φ8 × 1	8	1	2	8	±0.1	±0.1
NPH8-0008-02	Φ8 × 1.5	8	1.5	2.1	8.5	±0.15	±0.1
NPH9-0009	Φ9 × 1.5	9	1.5	2	8	±0.15	±0.1
NPH10-0010-01	Φ10 × 1	10	1	1.9	7.5	±0.15	±0.1
NPH10-0010-02	Φ10 × 1.25	10	1.25	2.1	8.3	±0.15	±0.1
NPH10-0010-03	Φ10 × 1.5	10	1.5	2.1	8.5	±0.15	±0.1
NPH12-0012-01	Φ12 × 1.25	12	1.25	2.1	8.2	±0.15	±0.1
NPH12-0012-02	Φ12 × 1.5	12	1.5	2.1	8.4	±0.15	±0.1
NPH14-0014-01	Φ14 × 1	14	1	1.9	7.7	±0.15	±0.15
NPH14-0014-02	Φ14 × 1.5	14	1.5	2	8	±0.15	±0.15
NPH15-0015-01	Φ15 × 1	15	1	1.8	7.5	±0.15	±0.15
NPH15-0015-02	Φ15 × 1.5	15	1.5	1.9	7.8	±0.15	±0.15
NPH16-0016	Φ16 × 1.5	16	1.5	2	8.2	±0.15	±0.15
NPH18-0018-01	Φ18 × 1	18	1	1	4.25	±0.15	±0.15
NPH18-0018-02	Φ18 × 1.25	18	1.25	1.4	5.5	±0.15	±0.15
NPH18-0018-03	Φ18 × 1.5	18	1.5	1.7	6.8	±0.15	±0.15
NPH19-0019	Φ19 × 1.5	19	1.5	1.5	6.3	±0.15	±0.15
NPH20-0020	Φ20 × 2	20	2	1.6	6.5	±0.15	±0.15
NPH22-0022	Φ22 × 1.5	22	1.5	1.3	5.3	±0.15	±0.15
NPH25-0025	Φ25 × 1.5	25	1.5	1	4.2	±0.15	±0.15
NPH28-0028	Φ28 × 1.5	28	1.5	0.8	3.2	±0.15	±0.15
NPH35-0035	Φ35 × 1.5	35	1.5	0.4	1.8	±0.15	±0.15
NPH40-0040	Φ40 × 2	40	2	0.4	1.6	±0.15	±0.15
NPH45-0045	Φ45 × 2.5	45	2.5	0.45	1.8	±0.18	±0.15
NPH51-0051	Φ51 × 2.5	51	2.5	0.4	1.6	±0.18	±0.15
NPH64-0064	Φ64 × 3	64	3	0.4	1.6	±0.2	±0.2
NPH76-0076	Φ76 × 3	76	3	0.35	1.4	±0.2	±0.2
NPH80-0080	Φ80 × 3	80	3	0.3	1.2	±0.25	±0.2

Nylon Resin Hose

● *Fiber-reinforced nylon elastomer resin hose*



With characteristics of resistance to high pressure, high temperature, oil and wear, many kinds of chemical reagents, and anti-static, anti-aging, it is widely used in all industries.

- 1.** Automotive pressure braking system.
- 2.** Automotive power steering system.
- 3.** Automotive brake pipe control system.
- 4.** Transmission control system.
- 5.** Hydraulic transport system and hydraulic control system of engineering machinery, such as excavator, loaders and cranes.
- 6.** Hydraulic operation and hydraulic control system of machining equipment.
- 7.** High pressure paint spray hose.
- 8.** Liquid resin pipeline.

● *Steel-reinforced nylon resin hose*

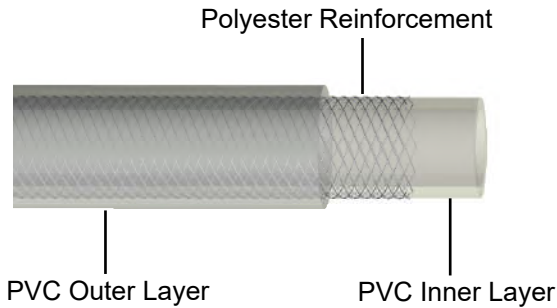


The hose is mainly applied to auto industry, engineering machinery, transport of high-voltage and transmission of fluid of hoisting and conveying machinery. Because of good oil, heat, high pressure resistant also anti-aging and pulse performance, it can be used as the special hose of high pressure spray paint and high pressure cleaner.

Nylon Resin Hose

Reinforced Nylon Elastomer Resin Hose Technical Specification										
PART NO.	ID	Reinforcement	OD		WP. MPa		BP. MPa		BR. MM	
			GPU	XPU	GPU	XPU	GPU	XPU	GPU	XPU
NERH-0004-01	4	I	8.6	8.3	40	22	152	80	85	55
NERH-0004-02		II	10.5	9.2	53	28	168	100		
NERH-0006-01	6	I	11.5	10.5	35	20	105	45.2	100	70
NERH-0006-02		II	13.5	12	55	26	150	64		
NERH-0006-03		III	14	13.5	55	32	165	80		
NERH-0008-01	8	I	13	12.8	30	19	90	32.8	115	85
NERH-0008-02		II	14.5	14	45	24	135	49		
NERH-0008-03		III	15.5	15.5	50	30	150	60		
NERH-0010-01	10	I	16	15	25	18	75	28	125	95
NERH-0010-02		II	17.8	16.5	40	22	120	44		
NERH-0010-03		III	18	18	45	26	135	52		
NERH-0012-01	12	I	20	19.5	20	16	60	27.2	180	120
NERH-0012-02		II	22.5	21	30	20	90	40		
NERH-0012-03		III	24.5	23	40	24	120	48		
NERH-0016-01	16	I	23.5	23.5	18	12	54	20	205	150
NERH-0016-02		II	26	25.5	26	14.5	78	32		
NERH-0016-03		III	28	27.5	30	17	90	40		
NERH-0019-01	19	I	27.5	27	15	10	45	16	240	170
NERH-0019-02		II	29.5	29	24	13	72	30.4		
NERH-0019-03		III	31.5	31	29	16	87	35.2		
NERH-0022-01	22	I	30.5	30	13	8	39	15.2	260	200
NERH-0022-02		II	32.5	32	16	12	48	28.8		
NERH-0022-03		III	34.5	34	20	14	60	36.8		
NERH-0025-01	25	I	34	34	12	6	36	14.8	300	270
NERH-0025-02		II	36	36	15	9	45	27.6		
NERH-0025-03		III	39	38.5	19	12	57	31.2		
NERH-0032-01	32	I	43	43	11	4.5	33	10.4	350	310
NERH-0032-02		II	46	46	12	6	36	18		
NERH-0032-03		III	49	48.5	15	7.5	45	21.2		

PVC Braided Hose



PVC braided (fiber reinforced) hose, transparent without poison, has features of pressure resist, pull-resist, corrosion-resist, beautiful outlook, soft, light and long lasting. It can be widely used in sanitary and food stuff industry. It is really the best choice for transporting air, water and gas. The hose surface can increase the color mark line, and it will be more beautiful.

This product is the industrial, agriculture, fishery, construction and household and other common equipment, water, gas, oil ideal hose.

Temperature: from-10 °C to +65 °C.

● **The three following forms are classified by reinforcement.**

Specification - PVC braided hose(I)							
PART NO.	ID		OD	W.P	B.P	Length	Weight
	inch	mm	mm	MPa	MPa	m	kg/roll
PVCFBH01-0006-01	1/4	6	9	0.8	2.5	100	5.56
PVCFBH01-0006-02		6	10	0.8	2.4	100	6.8
PVCFBH01-0006-03		6	11	1	3	100	9.01
PVCFBH01-0006-04		6	12	1.2	3	100	11.49
PVCFBH01-0008-01	5/16	8	12	0.9	2.7	100	8.47
PVCFBH01-0008-02		8	13	1	3	100	11.11
PVCFBH01-0008-03		8	14	1.2	3.2	100	14.08
PVCFBH01-0009-01	3/8	9	13	0.7	2.5	100	9.35
PVCFBH01-0009-02		9	14	0.8	3	100	12.2
PVCFBH01-0010-01		10	13.6	0.6	2.4	100	9.09
PVCFBH01-0010-02		10	14	0.7	2.4	100	10.2
PVCFBH01-0010-03		10	15	0.8	2.5	100	13.33
PVCFBH01-0010-04		10	16	0.9	2.8	100	16.67

PVC Braided Hose

PART NO.	ID		OD	W.P	B.P	Length	Weight
	inch	mm	mm	MPa	MPa	m	kg/roll
PVCFBH01-0012-01	1/2	12	16	0.6	2	100	11.9
PVCFBH01-0012-02		12	17	0.7	1.8	100	15.38
PVCFBH01-0012-02		12	17.7	0.8	2.4	100	17.24
PVCFBH01-0012-03		12	18	0.9	2.7	100	19.05
PVCFBH01-0013-01		13	17	0.5	1.5	100	12.74
PVCFBH01-0013-02		13	18	0.6	1.8	100	16.39
PVCFBH01-0013-03		13	19	0.7	2.1	100	20.41
PVCFBH01-0014-01		14	19	0.5	1.5	100	17.54
PVCFBH01-0014-02		14	20	0.6	1.5	100	21.74
PVCFBH01-0015-01	5/8	15	20	0.7	1.6	100	18.69
PVCFBH01-0015-02		15	21	0.8	1.7	100	22.99
PVCFBH01-0016-01		16	20	0.6	1.4	100	15.38
PVCFBH01-0016-02		16	21	0.6	1.8	100	19.61
PVCFBH01-0016-03		16	22	0.7	1.6	100	24.1
PVCFBH01-0016-04		16	24	0.5	1.4	100	26.67
PVCFBH01-0019-01	3/4	19	23	0.5	1.4	100	17.86
PVCFBH01-0019-02		19	24	0.5	1.4	100	22.99
PVCFBH01-0019-03		19	25	0.6	1.6	100	28.17
PVCFBH01-0019-04		19	26	0.6	1.5	100	33.33
PVCFBH01-0020-01		20	25	0.6	1.5	100	24.10
PVCFBH01-0020-02		20	26	0.5	1.2	100	29.41
PVCFBH01-0020-03		20	27	0.5	1.2	100	35.09
PVCFBH01-0022	1	22	30	0.5	1	100	44.44
PVCFBH01-0025-01		25	30	0.5	1.2	100	29.41
PVCFBH01-0025-02		25	31	0.5	1.2	100	35.71
PVCFBH01-0025-03		25	33	0.5	1.2	100	48.78
PVCFBH01-0032-01	1 1/4	32	39	0.5	1.2	50	52.63
PVCFBH01-0032-02		32	40	0.5	1.2	50	61.22
PVCFBH01-0032-03		32	41	0.5	1.2	50	81.4
PVCFBH01-0038-01	1 1/2	38	45	0.5	1.2	50	62.5
PVCFBH01-0038-02		38	46	0.5	1.2	50	71.43
PVCFBH01-0038-03		38	48	0.5	1.2	50	94.59
PVCFBH01-0045	2	45	55	0.4	1.1	50	106.38
PVCFBH01-0050-01		50	60	0.4	1.1	50	119.05
PVCFBH01-0050-02		50	62	0.4	1.1	50	142.86

Note:

The length of a roll is 100 meters.

The thickness can be customized according to the customer's requirements.

PVC Braided Hose

Specification - PVC braided hose (II)					
PART NO.	ID		OD	W.P	B.P
	inch	mm	mm	MPa	MPa
PVCFBH02-0006-01	1/4	6	10	13	25
PVCFRH02-0006-02		6	12	18	30
PVCFRH02-0008-01	5/16	8	11.4	8	18
PVCFRH02-0008-02		8	12	10	22
PVCFRH02-0008-03		8	12.8	15	30
PVCFRH02-0010-01	3/8	10	14	10	22
PVCFRH02-0010-02		10	15	12	24
PVCFRH02-0012-01	1/2	12	18	12	24
PVCFRH02-0014-02		14	19	8	18
PVCFRH02-0014-03		14	20	14	30
PVCFRH02-0016-01	5/8	16	21	6	15
PVCFRH02-0016-02		16	22	8	18
PVCFRH02-0018-03		18	24	8	18
PVCFRH02-0020-01	3/4	20	25	5	10
PVCFRH02-0020-02		20	27	8	18
PVCFRH02-0025-01	1	25	30	4	8
PVCFRH02-0025-02		25	31	5	10
PVCFRH02-0025-03		25	33	7	14
PVCFRH02-0032	1 1/4	32	42	5	10
PVCFRH02-0038	1 1/2	38	48	5	10
PVCFRH02-0050	2	50	62	3	6
Note: The thickness can be customized according to the customer's requirements.					

Specification - PVC braided hose(III)							
PART NO.	ID		OD	W.P	B.P	Length	Weight
	inch	mm	mm	MPa	MPa	m	kg/roll
PVCFRH03-0012	1/2	12	18	2.5	5.5	100	19.05
PVCFRH03-0013		13	19	2.5	5.5	100	20.41
PVCFRH03-0016	5/8	16	22	2	4.5	100	24.1
PVCFRH03-0019	3/4	19	25	2	4	100	28.57
PVCFRH03-0020-01		20	26	2	4	100	29.41
PVCFRH03-0020-02		20	27	2	4.5	100	35.09
PVCFRH03-0025	1	25	33	1.5	3.5	100	48.78
Note: The thickness can be customized according to the customer's requirements.							

Spring Hose



Spring hose is also called PVC steel wire reinforced hose , which has steel wire screwy inserted in the PVC body. Spring hose is light and transparent with excellent weather resistance, small bending radius and good resistance to negative pressure.

Widely used in sanitary and foodstuff industry, for drawing and converting water, oil and powder in factory, agriculture and building.

Temperature: from -10 °C to +65 °C.

Spring Hose Technical Specification						
PART NO.	ID		OD	W.P	B.P	Length
	inch	mm	mm	bar	bar	m
PVCSRH-0006	1/4	6	11	8	24	100
PVCSRH-0008	5/16	8	13.5	8	24	100
PVCSRH-0009	3/8	9	15	8	24	100
PVCSRH-0012	1/2	12	18	6	18	100
PVCSRH-0015	5/8	15	22	6	18	100
PVCSRH-0019	3/4	19	26	6	18	50
PVCSRH-0025	1	25	32	6	18	50
PVCSRH-0032	1 1/4	32	40	5	16	50
PVCSRH-0038	1 1/2	38	47	5	16	50
PVCSRH-0050	2	50	61	5	16	50
PVCSRH-0064	2 1/2	64	78	4	14	40
PVCSRH-0075	3	75	90	4	14	20
PVCSRH-0090	3 1/2	90	106	4	14	20
PVCSRH-0100	4	100	116	4	14	20
PVCSRH-0127	5	127	141	2	10	20
PVCSRH-0152	6	152	166	2	10	20
PVCSRH-0200	8	200	220	2	10	10
Note: Custom design is also acceptable.						

Compressed Natural Gas (CNG) Hose



In addition to taking the lead in development and mass production of polyurethane reinforced hose series (widely used in power steering system of various buses and vehicles), our company studied and developed CNG cylinder cars and pressure reduction station or parent stations.

The product is easy to install and convenient to use. Special CNG hose assembly includes different coupling means: ball valve, quick couplings and flange, so it is convenient to adjust the distance of loading and unloading.

The product has strong pressure adaptability. Range of application: 1.0 MPa - 25 MPa, can meet the needs of different customers.

The use specification from $\phi 6$ - $\phi 51$ mm to II, III piles of reinforced layers specifications and parameters of CNG special hose (different specifications and coupling types can be designed according to customers' needs).

**Compressed Natural Gas Hose
Technical Specification**

PRAT NO.	ID		OD	Max W.P		Weight
	inch	mm		Psi	MPa	
CNGG- II -8	5/16	8	17.5	4350	30	0.38
CNGG- II -10	3/8	10	19	4350	30	0.44
CNGG- II -16	5/8	16	25	4350	30	0.75
CNGG- II -25	1	25	32	4350	30	1.20
CNGG- II -51	2	51	38	4350	30	1.60

Steam Hose

The high pressure **steam hose** is designed for transfer of steam in many applications, such as fire prevention, heat control and industries where steam must be transferred safely and reliably. It is resistant to bursting, cracking and crushing even under accidental exposure to flame, while being quite flexible and resistant to vibration. It consists of black, smooth, EPDM rubber especially compounded to withstand super heated steam. It is covered with smooth, black and weather abrasion and reinforced with piles of carbon steel wire.



Tube: Black, smooth, EPDM rubber especially compounded to withstand super heated steam.

Cover: Red, smooth (wrapped) EPDM rubber with excellent resistance to high temperature, weather, abrasion and aging. It is pin-pricked to prevent separation.

Reinforcement: Piles of carbon steel wires.

Temperature: -40 °C to +236 °C (-40 °F to +456 °F).

Steam Hose Technical Specification										
PART NO.	W/B	ID		OD	Working Pressure		Burst Pressure		Minimum Bend Radius	Length
		DN	inch	mm	MPa	Psi	MPa	Psi	mm	metres
SH1W-0010	1W	10	3/8	21.5	1	150	4	570	130	20/ 50
SH1W-0013		13	1/2	24.5	1	150	4	570	180	20/ 50
SH1W-0016		16	5/8	27.5	1	150	4	570	205	20/ 50
SH1W-0019		19	3/4	30.5	1	150	4	570	240	20/ 50
SH1W-0022		22	7/8	33.5	1	150	4	570	280	20/ 50
SH1W-0025		25	1	37	1	150	4	570	300	20/ 50
SH1W-0032		32	1 1/4	44	1	150	4	570	420	20/ 40
SH1W-0038		38	1 1/2	50.5	1	150	4	570	500	20/ 40
SH1W-0045		45	1 3/4	57.5	1	150	4	570	500	20/ 40
SH1W-0051		51	2	63.5	1	150	4	570	630	20/ 40
SH1W-0064		64	2 1/2	77.5	1	150	4	570	700	20/ 40
SH2W-0010	2W	10	3/8	23	3.5	500	7	1000	130	20/ 50
SH2W-0013		13	1/2	26	3.5	500	7	1000	180	20/ 50
SH2W-0016		16	5/8	29	3.5	500	7	1000	205	20/ 50
SH2W-0019		19	3/4	32	3.5	500	7	1000	240	20/ 50
SH2W-0022		22	7/8	35	3.5	500	7	1000	280	20/ 50
SH2W-0025		25	1	38.5	3.5	500	7	1000	300	20/ 50
SH2W-0032		32	1 1/4	45.5	3.5	500	7	1000	420	20/ 40
SH2W-0038		38	1 1/2	52	3.5	500	7	1000	500	20/ 40
SH2W-0045		45	1 3/4	59	3.5	500	7	1000	500	20/ 40
SH2W-0051		51	2	65	3.5	500	7	1000	630	20/ 40
SH2W-0064		64	2 1/2	79	3.5	500	7	1000	700	20/ 40

Thermoplastic Polyurethane Reinforced Hose

Thermoplastic polyurethane reinforced hose has special combination properties of both and plastic: high strength, high modulus, high elasticity, resistance to weather and so on. With 1/2-1/3 of the external diameter, bending radius and weight of the similar rubber hose, it is easy to design and install.

Hose of TPUG series are widely used in automotive industry including bus series, truck series and recreational vehicle series, oil, natural gas piping and other engineering vehicles as the special high quality hose for hydraulic, oil or lubricant systems. It is also used for the brake oil line of machine, automobile, engineer machine, motorbike and as the pneumatic instrument line for the auto-control system of petroleum, chemical industry, medicine, refining and so on.

Thermoplastic polyurethane reinforced hose technical specification										
PART NO.	ID (mm)	Reinforcement	OD (mm)		WP. (MPa)		Weight (g/m)		BR. (mm)	
			GPU	XPU	GPU	XPU	GPU	XPU	GPU	XPU
TPRH-0004-01	4	I	11.5	9	45	20.6	164	61	55	38
TPRH-0004-02		II	13	10	50	26	268	79		
TPRH-0006-01	6	I	13	10	37	11.3	190	71	75	55
TPRH-0006-02		II	14.5	11	45	16	322	91		
TPRH-0006-03		III	15.5	12	50	23.7	476	113		
TPRH-0008-01	8	I	15.5	13	35	8.2	236	99	85	63
TPRH-0008-02		II	17	14	40	12.5	386	125		
TPRH-0008-03		III	19	15	47	17.3	556	152		
TPRH-0010-01	10	I	17.5	16	26	7	287	147	105	79
TPRH-0010-02		II	19.5	17.5	35	11	479	178		
TPRH-0010-03		III	21.5	19	40	16.8	662	211		
TPRH-0012-01	12	I	20	19	21	6.8	367	193	143	95
TPRH-0012-02		II	22	21	31	10	564	229		
TPRH-0012-03		III	24	23	35	13.9	784	268		
TPRH-0016-01	16	I	24	23	14	5	496	257	168	125
TPRH-0016-02		II	26	25	25	8	751	301		
TPRH-0016-03		III	28	26.5	28	10	1034	348		
TPRH-0019-01	19	I	27.5	26	13	4	601	297	195	145
TPRH-0019-02		II	29.5	28	20	7.6	896	347		
TPRH-0019-03		III	31.5	30	22	8	1229	-		
TPRH-0022-01	22	I	31	30	11	3	739	354	225	178
TPRH-0022-02		II	33	32	15	5.6	1135	411		
TPRH-0022-03		III	35	33	18	7	1600	-		
TPRH-0025-01	25	I	35	33	9.5	2	796	385	256	210
TPRH-0025-02		II	37	35	15	4.7	1215	439		
TPRH-0025-03		III	39	37	18	5.5	1710	-		
TPRH-0032-01	32	I	43	41	8	2	1056	-	298	-
TPRH-0032-02		II	45	43	12	4	1579			
TPRH-0032-03		III	47	45	15	5	2164			
TPRH-0038-01	38	I	50	48	7	1.8	1186	-	345	-
TPRH-0038-02		II	52	50	10	3	1744			
TPRH-0051-01	51	I	64	62	5	1.5	1514	-	490	-

Dock Oil Hose



The **dock oil hose** exceeds the basic requirements of all International rules because their construction is a direct derivative of designs, technology and quality control procedures used in the building of marine hoses for offshore application, with long operational life and total environmental safety in mind.

It is used for crude oil and liquid petroleum products delivery to tankers and bunkering vessels. Max 55% aromatic content resistance. Electrically continuous (discontinuous on request).



Inner Tube: Black NBR.

Cover: Black CR-abrasion, ozone, sea water and hydrocarbon resistant. Safe factory: 4:1.

Reinforcement: High tensile textile cords.

Temperature: -20 °C to +82 °C (-4 °F to +180 °F).

Dock Oil Hose Technical Specification

PRAT NO.	ID		OD	Working Pressure		Burst Pressure		Vacuum	Bending Radius	Weight
	inch	mm	mm	bar	Psi	bar	Psi	bar	mm	kg/m
DOH-0051	2	51	71	15	225	60	900	0.9	300	2.79
DOH-0076	3	76	96	15	225	60	900	0.9	420	4.10
DOH-0102	4	102	132	15	225	60	900	0.9	560	7.61
DOH-0152	6	152	188	15	225	60	900	0.9	850	16.42
DOH-0203	8	203	249	15	255	60	900	0.9	1100	26.80

Vibrator Hose (Rotary Drilling Hose)



It is applied for oil fields, cementing, repairing, geological explorations, small drilling machine, and water conveyance at coal excavations. It is used to carry slurry, water at environmental temperature of -30 °C to +82 °C, and other fluids.

Tube: Principally NBR constructed, featuring oil-resistant, abrasion-resistant, acid and alkali resistant.

Cover: Primarily CR fabricated, featuring oil-resistant, abrasion-resistant, weatherproof and anti-aging.

Reinforcement: 2-8 layers spiraled by single high-strength steel wire and rubber as a binder to make the layers into one complete and sound construction.

Temperature: -30 °C to +82 °C (-22 °F to +180 °F).

Rotary Drilling Hose Technical Specification

© *Table 1: Cgrade A*

PART NO.	ID		OD	W.P		Proof Pressure P.P		Min B.R	Weight	Coupling Thread
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m	LP
RDH-0038-A	38	1 1/2	51	11	1500	22	3000	560	2.19	2
RDH-0051-A	51	2	65	11	1500	22	3000	900	3.03	2 1/2
RDH-0064-A	64	2 1/2	78	11	1500	22	3000	1200	3.95	3

© *Table 2: Cgrade B*

PART NO.	ID		OD	W.P		Proof Pressure P.P		Min B.R	Weight	Coupling Thread
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m	LP
RDH-0038-B	38	1 1/2	52	14	2000	28	4000	560	2.39	2
RDH-0051-B	51	2	66	14	2000	28	4000	900	3.25	2 1/2
RDH-0064-B	64	2 1/2	79	14	2000	28	4000	1200	4.37	3
RDH-0076-B	76	3	98	14	2000	28	4000	1200	7.76	4
RDH-0089-B	89	3 1/2	113	14	2000	28	4000	1300	9.95	4
RDH-0102-B	102	4	127	14	2000	28	4000	1400	12.43	5
RDH-0127-B	127	5	113	14	2000	28	4000	1500	15.25	6

Vibrator Hose (Rotary Drilling Hose)

Rotary Drilling Hose Technical Specification

© Table 3: Cgrade C

PART NO.	ID		OD	W.P		Proof Pressure P.P		Min B.R	Weight	Coupling Thread
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m	LP
RDH-0038-C	38	1 1/2	55	28	4000	56	8000	560	3.65	2
RDH-0051-C	51	2	69	28	4000	56	8000	900	5.15	2 1/2
RDH-0064-C	64	2 1/2	88	28	4000	56	8000	1200	7.86	3
RDH-0076-C	76	3	105	28	4000	56	8000	1200	13.12	4
RDH-0089-C	89	3 1/2	121	28	4000	56	8000	1300	16.79	4
RDH-0102-C	102	4	137	28	4000	56	8000	1400	21.70	5
RDH-0127-C	127	5	164	28	4000	56	8000	1500	28.46	6

© Table 4: Cgrade D

PART NO.	ID		OD	W.P		Proof Pressure P.P		Min B.R	Weight	Coupling Thread
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m	LP
RDH-0051-D	51	2	73	35	5000	70	10000	900	6.46	2 1/2
RDH-0064-D	64	2 1/2	91	35	5000	70	10000	1200	10.75	3
RDH-0076-D	76	3	107	35	5000	70	10000	1200	14.35	4
RDH-0089-D	89	3 1/2	123	35	5000	70	10000	1300	18.70	4
RDH-0102-D	102	4	139	35	5000	70	10000	1400	23.16	5
RDH-0127-D	127	5	164	35	5000	70	10000	1500	38.00	6

© Table 5: Cgrade E

PART NO.	ID		OD	W.P		Proof Pressure P.P		Min B.R	Weight	Coupling Thread
	mm	inch	mm	MPa	Psi	MPa	Psi	mm	kg/m	LP
RDH-0051-E	51	2	80	52	7500	104	15000	1000	10.37	2 1/2
RDH-0064-E	64	2 1/2	101	52	7500	104	15000	1200	17.88	3
RDH-0076-E	76	3	120	52	7500	104	15000	1200	24.45	4
RDH-0089-E	89	3 1/2	135	52	7500	104	15000	1300	29.33	4
RDH-0102-E	102	4	148	52	7500	104	15000	1400	34.24	5
RDH-0127-E	127	5	189	52	7500	104	15000	1500	55.39	6

Flange Dredge Hose



Flange dredge hose has been supplied for the offshore dredging industry with high quality and reasonable price. The applications for dredging rubber hose are estuary clearance, beach construction or large land reclamation and other engineering projects for port, dock, seawater, silt, sand, discharge flood etc. We are in the position to build flexible hose with flange end ranging from 10 inch ID to 52 inch ID. And the available length is up to 11.8 m. Suction and discharge dredging hose with flange can be selected as requirements.

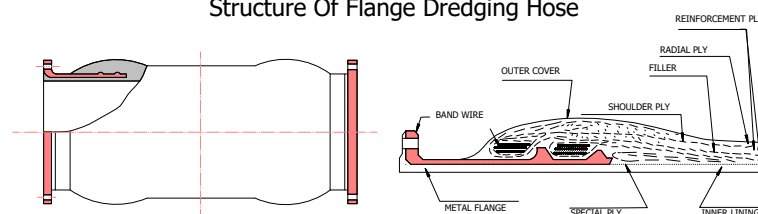
Inner tube: Styrene butadiene rubber and chloroprene rubber.

Cover rubber layer: Wear-resistant SBR for cut and abrasion resistance, or a tough neoprene for salt-water service with added resistance to ozone and sunlight.

Reinforcement: Steel spiral wire and high tensile fiber reinforced.

Application: The flange discharge hoses are used for silt/gravels conveyance with dredgers.

Structure Of Flange Dredging Hose



Flange Dredge Rubber Hose Technical Specification										
PART NO.	ID		OD	Working Pressure		Burst Pressure		Vacuum Pressure		Length
	inch	mm	mm	MPa	bar	MPa	bar	kPa	bar	m
FDRH-0152-01	6	152	182	1.5	15	3.0	30	80	0.8	20
FDRH-0203-01	8	203	233	1.5	15	3.0	30	80	0.8	20
FDRH-0254-01	10	254	284	1.5	15	3.0	30	80	0.8	20
FDRH-0304-01	12	304	340	1.5	15	3.0	30	80	0.8	10
FDRH-0350-01	14	350	390	1.5	15	3.0	30	80	0.8	10
FDRH-0400-01	16	400	428	1	10	2.0	20	80	0.8	6 or 10
FDRH-0450-01	18	450	486	1	10	2.0	20	80	0.8	6 or 10
FDRH-0500-01	20	500	545	0.7	7	1.4	14	80	0.8	6 or 10
FDRH-0550-01	22	550	590	0.7	7	1.4	14	80	0.8	6 or 10
FDRH-0600-01	24	600	640	0.7	7	1.4	14	80	0.8	6 or 10
FDRH-0700-01	28	700	750	0.7	7	1.4	14	80	0.8	6 or 10
FDRH-0800-01	32	800	850	0.7	7	1.4	14	80	0.8	6 or 10
FDRH-0850-01	34	850	920	0.5	5	1.0	10	80	0.8	6 or 10
FDRH-0900-01	36	900	980	0.5	5	1.0	10	80	0.8	6 or 10
FDRH-1000-01	40	1000	1050	0.5	5	1.0	10	80	0.8	6
FDRH-1200-01	48	1200	1250	0.5	5	1.0	10	80	0.8	6
FDRH-1300-01	52	1300	1350	0.5	5	1.0	10	80	0.8	6

Floating Dredging Rubber Hose

Floating dredge rubber hose has been increasingly used in cutter-suction dredge for land reclamation or transportation of oil and gas on the sea. Well abrasion-resistant discharge hose, closed PE foam cell and reinforced rubber shell contributes to a reliable floating hose. The inner hose is fabricated by SBR which has excellent resistance against abrasive materials and corrosive chemicals. Outer layer protects the hose from damage by sea water corrosion and ozone degradation. Foam is designed to provide buoyance and can withstand huge impact on rough sea.

Floating dredge rubber hose is used for port, dock, seawater, silt, sand, discharge flood, oil transportation etc. It is particularly suitable for the work of another large storm water construction.

Characteristics: Flexible, resists abrasion and laceration, resistant to sea water, anti-wave, wear resistance, aging resistance.

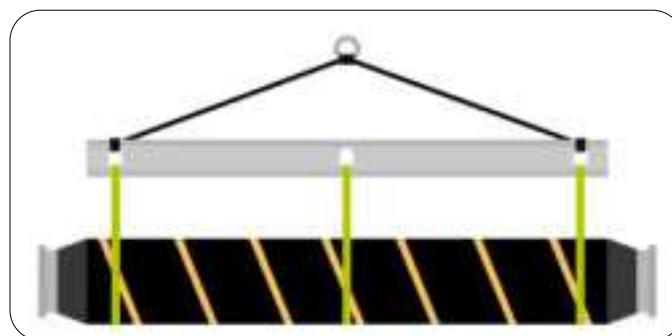
Temperature range: -20 °C to +80 °C.

Safety factor: 1:3.

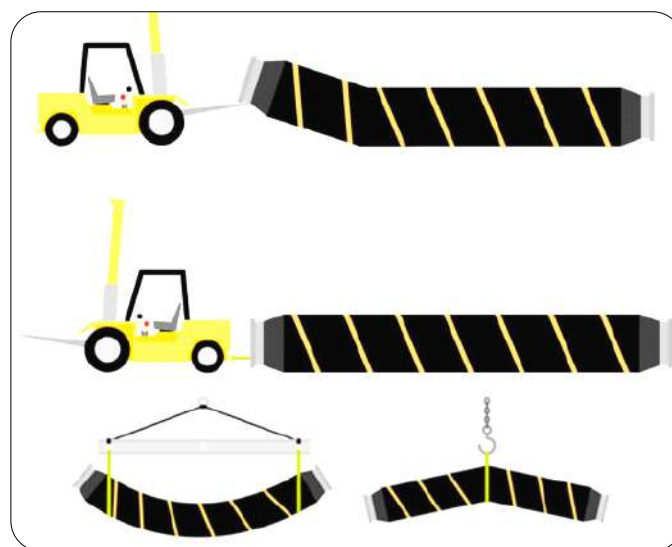
Hose Lining: NR, SBR, BR.

Reinforcement layer: Tire cord with helix wire.

Cover rubber layer: SBR and CR blend.



✓ **The right way to lift dredge hose**



✗ **Wrong ways to lift dredge hose**

Floating Dredge Rubber Hose Technical Specification

PART NO.	ID		Working Pressure		Burst Pressure		Vacuum Pressure		Length
	inch	mm	MPa	bar	MPa	bar	kPa	bar	m
FDRH-0254-02	10	254	1.5	15	4.5	45	80	0.8	11.8
FDRH-0304-02	12	304	1.5	15	4.5	45	80	0.8	11.8
FDRH-0350-02	14	350	1.5	15	4.5	45	80	0.8	11.8
FDRH-0400-02	16	400	1.5	15	4.5	45	80	0.8	11.8
FDRH-0450-02	18	450	1.5	15	4.5	45	80	0.8	11.8
FDRH-0500-02	20	500	1.5	15	4.5	45	80	0.8	11.8
FDRH-0550-02	22	550	1.5	15	4.5	45	80	0.8	11.8
FDRH-0600-02	24	600	2.0	20	6.0	60	80	0.8	11.8
FDRH-0800-02	32	800	2.0	20	6.0	60	80	0.8	11.8
FDRH-0850-02	34	850	2.0	20	6.0	60	80	0.8	11.8
FDRH-0900-02	36	900	2.0	20	6.0	60	80	0.8	11.8
FDRH-1000-02	40	1000	2.0	20	6.0	60	80	0.8	11.8
FDRH-1200-02	48	1200	2.0	20	6.0	60	80	0.8	11.8
FDRH-1300-02	52	1300	2.0	20	6.0	60	80	0.8	11.8

Application





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