

ABE Product Catalog

Industrial and Hydraulic Hoses





Recommended For:

Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100 R1 Type AT and

performance requirements of EN 853 1SN.

Application Fields:

Mining hydraulic support, oilfield extraction machinery, mining / road / construction machinery.

Tube:

Black, oil resistant, synthetic rubber.

Reinforcement:

One braid of high-tensile steel wire.

Cover:

Black, oil, abrasion and weather resistant, synthetic rubber.

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

Specification

Standard : SAE 100 R1 AT

											
Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.52	13.1	2785	19.2	11165	77.0	3.94	100	0.25	0.168
5/16	7.9	0.58	14.7	2535	17.5	10150	70.0	4.53	115	0.31	0.208
3/8	9.5	0.67	17.1	2275	15.7	9135	63.0	4.92	125	0.36	0.242
1/2	12.7	0.80	20.3	2030	14.0	8120	56.0	7.09	180	0.45	0.302
5/8	15.9	0.92	23.4	1525	10.5	1740	42.0	7.87	200	0.52	0.349
3/4	19.1	1.08	27.4	1260	8.7	5075	35.0	9.45	240	0.65	0.437
1	25.4	1.40	35.5	1015	7.0	4060	28.0	11.81	300	0.91	0.611
1 1/4	31.8	1.69	43.0	625	4.3	2540	17.5	16.54	420	1.30	0.874
1 1/2	38.1	1.95	49.5	510	3.5	2030	14	19.69	500	1.70	1.142
2	50.8	2.48	63.0	375	2.6	1525	10.5	24.8	630	2.00	1.344

Standard : EN853 1SN

											
Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.52	13.1	3275	22.6	13100	90.3	3.94	100	0.25	0.168
5/16	7.9	0.58	14.7	3125	21.5	12500	86.2	4.53	115	0.31	0.208
3/8	9.5	0.67	17.1	2600	17.9	10400	71.7	4.92	125	0.36	0.242
1/2	12.7	0.80	20.3	2325	16.0	9300	64.1	7.09	180	0.45	0.302
5/8	15.9	0.92	23.4	1900	13.1	7600	52.4	7.87	200	0.52	0.349
3/4	19.1	1.08	27.4	1525	10.5	6100	42.1	9.45	240	0.65	0.437
1	25.4	1.40	35.5	1275	8.8	5100	35.2	11.81	300	0.91	0.611
1 1/4	31.8	1.69	43.0	925	6.4	3700	25.5	16.54	420	1.30	0.874
1 1/2	38.1	1.95	49.5	725	5.0	2900	20.0	19.69	500	1.70	1.142
2	50.8	2.48	63.0	600	4.0	2700	18.6	24.8	630	2.00	1.344
2 1/2	63.8	3.03	77.0	360	2.5	1600	11.0	29.92	760	2.56	1.720
3	76.0	3.46	88.0	290	2.0	1160	8.0	34.65	880	2.74	1.841

Hydraulic Rubber Hose SAE100 R2 / EN 853 2SN

Product Description



Recommended For:

High-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S and performance requirements of EN853 2SN.

Application Fields:

For high pressure hydraulic systems in industry and agriculture.

Tube:

Black, oil resistant, synthetic rubber.

Reinforcement:

Two braids of high-tensile steel wire.

Cover:

Black, oil, abrasion and weather resistant, thin synthetic rubber.

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

Specification:

											
Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.58	14.7	5800	40.0	23200	160.0	3.94	100	0.36	0.242
5/16	7.9	0.64	16.3	5075	35.0	20300	140.0	4.53	115	0.45	0.302
3/8	9.5	0.74	18.7	4800	33.1	19200	132.4	4.92	125	0.54	0.363
1/2	12.7	0.86	21.8	4000	27.6	16000	110.3	7.09	180	0.68	0.457
5/8	15.9	0.98	24.9	3625	25.0	14500	100.0	7.87	200	0.80	0.538
3/4	19.1	1.14	29.0	3120	21.5	12480	86.1	9.45	240	0.94	0.632
1	25.4	1.48	37.6	2400	16.5	9600	66.2	11.81	300	1.35	0.907
1 1/4	31.8	1.87	47.5	1810	12.5	7240	49.9	16.54	420	2.15	1.445
1 1/2	38.1	2.11	53.5	1300	9.0	5200	35.9	19.69	500	2.65	1.781
2	50.8	2.62	66.5	1175	8.1	4700	32.4	24.80	630	3.42	2.298
2 1/2	63.8	3.07	78.0	720	5.0	2880	19.9	29.92	760	3.78	2.540
3	76.0	3.56	90.5	580	4.0	2320	16.0	34.65	880	4.00	2.688

Hydraulic Rubber Hose DIN EN856 4SH

Product Description



Recommended For:

Extremely high pressure and high impulse hydraulic applications. This hose is the

most flexible EN856 4SH hose in the industry with superior impulse performance (tested to 1,000,000

impulse cycles at bend radius lower than EN 856 Standard). Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Application Fields:

Mine hydraulic support, oilfield extraction machinery, mine / road / construction machinery.

Tube:

Black, oil-resident synthetic rubber(Nitrile)

Reinforcement:

Four alternating layers of spiraled, high-tensile steel wire.

Cover:

Black, oil, abrasion and weather resistant, synthetic rubber.

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

Specification**Standard : EN856 4SH**

											
Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
3/4	19.0	1.24	31.5	6100	42.1	26100	180.0	11.0	280.0	1.72	1.16
1	25.4	1.48	37.6	5600	38.6	26100	180.0	13.4	340.0	2.14	1.44
1 1/4	31.8	1.78	45.2	5050	34.8	20300	140.0	18.1	460.0	2.96	1.99
1 1/2	38.1	2.11	53.5	4200	29.0	16820	116.0	22.0	560.0	3.20	2.15
2	50.8	2.68	68.1	3625	25.0	14500	100.0	27.6	700.0	5.30	3.56

Rubber Hydraulic Hose SAE100 R12**Product Description****Recommended For:**

Extremely high pressure, high impulse hydraulic applications. Exceeds all

performance requirements for SAE 100R12, EN 856 R12 and EN856 4SP.
Compatible with

biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Application Fields:

Mining hydraulic support, oilfield extraction machinery, mining / road / construction machinery.

Tube:

Black, oil-resident synthetic rubber (Nitrile)

Reinforcement:

Four alternating layers of spiraled, high-tensile steel wire.

Cover:

Black, oil-resistant synthetic(Nitrile).

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

Application:

Hydraulic system service with petroleum and water-based fluids, for general industrial use.

Specification

Standard : SAE100 R12

											
Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
3/8	9.5	0.80	20.3	4000	28.0	16000	112.0	4.9	125	0.70	0.47
1/2	12.7	0.94	24.1	4000	28.0	16000	112.0	7.1	180	0.84	0.56
5/8	15.9	1.09	27.7	4000	28.0	16000	112.0	7.8	200	1.10	0.74
3/4	19.0	1.21	30.7	4000	28.0	16000	112.0	9.4	240	1.33	0.89
1	25.4	1.50	38.1	4000	28.0	16000	112.0	11.8	300	1.85	1.24
1 1/4	31.8	1.85	47.0	3000	21.0	12000	84.0	16.5	420	2.65	1.78
1 1/2	38.1	2.11	53.5	2500	17.5	10000	70.0	19.7	500	3.20	2.15
2	50.8	2.63	66.7	2500	17.5	10000	70.0	24.8	630	4.50	3.02

Rubber Hydraulic Hose SAE100 R13

Product Description



Recommended For:

Extremely high pressure, high Impulse hydraulic applications. This hose is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH,

EN856 4SP and EN856 R13. Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Application Fields:

Mining hydraulic support, oilfield extraction machinery, mining / road / construction machinery.

Tube:

Black, oil-resident synthetic rubber(Nitrile)

Reinforcement:

Four(six for 1 1/4", 1 1/2" and 2") alternating layers of spiraled, high-tensile steel wire.

Cover:

Black, oil-resistant synthetic(Nitrile).

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

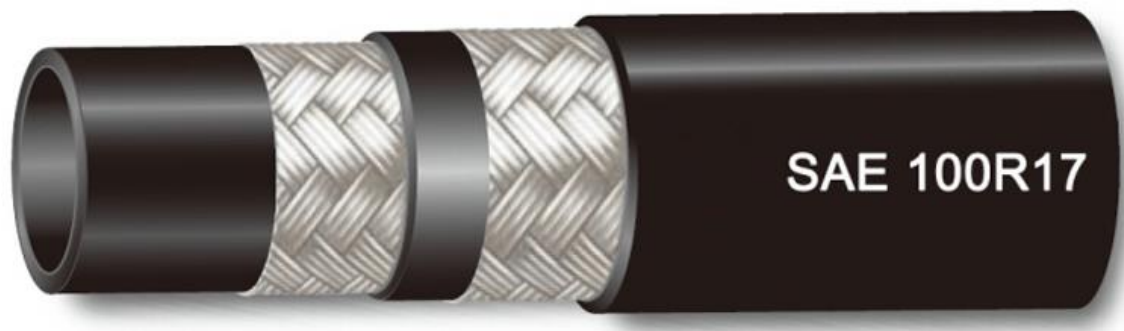
Specification

Standard : SAE100 R13

											
Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
3/8	9.5	0.94	23.8	10000	69.0	40000	276	5.98	152	1.10	0.74
1/2	12.7	1.06	27.0	7500	51.2	30000	207	7.87	200	1.35	0.91
5/8	15.9	1.09	27.7	5000	35.0	20000	140	8.66	220	1.55	1.04
3/4	19.0	1.26	32.0	5000	35.0	20000	140	9.45	240	1.65	1.11
1	25.4	1.54	39.2	5000	35.0	20000	140	11.81	300	2.25	1.51
1 1/4	31.8	1.96	49.8	5000	35.0	20000	140	16.54	420	3.60	2.42
1 1/2	38.1	2.26	57.3	5000	35.0	20000	140	19.69	500	4.75	3.19
2	50.8	2.83	71.9	5000	35.0	20000	140	24.80	630	6.90	4.64

Hydraulic Rubber Hose SAE100 R17

Product Description



Recommended For:

High-pressure hydraulic oil lines. Exceeds SAE 100R17 requirements and Performance requirements of

EN 857 1SC. The hose has smaller exterior dimensions and significantly tighter bend radius than other

SAE 100 R1 and SAE 100 R2 hose.

Application Fields:

Mining hydraulic support, oilfield extraction machinery, mining / road / construction machinery.

Tube:

Black, oil resistant, synthetic rubber.

Reinforcement:

braided, high-tensile steel wire. 1/4", 5/16", 3/8" and 1/2" sizes are one braid; 5/8", 3/4" and 1" sizes are two braids.

Cover:

Black, oil, abrasion and weather resistant, thin synthetic rubber.

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

Specification

Standard : SAE 100 R17

											
Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
1/4	6.4	0.48	12.2	3250	22.5	13000	90.0	1.5	38.1	0.19	0.128
5/16	7.9	0.60	15.1	3250	22.5	13000	90.0	1.8	45.7	0.22	0.148
3/8	9.5	0.63	16.0	3250	22.5	13000	90.0	2.0	50.8	0.27	0.181
1/2	12.7	0.80	20.2	3250	22.5	13000	90.0	2.8	71.1	0.46	0.309
5/8	15.9	0.99	25.2	3250	22.5	13000	90.0	3.0	76.2	0.57	0.383
3/4	19.0	1.15	29.1	3250	22.5	13000	90.0	3.8	96.5	0.78	0.524
1	25.4	1.56	37.6	3250	22.5	13000	90.0	4.5	114.3	1.40	0.941

Industrial Hose Fuel Discharge Hose 300PSI

Product Description

Recommended For:

Transfer of refined fuels (commercial gasoline, diesel fuel) oils and other petroleum products. Ideal for offshore/onshore transfer applications involving discharge service for diesel oils and other similar petroleum products where an extremely lightweight, flexible hose with a high rated working pressure and a small minimum bend radius is required. Transfer of water, petroleum based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation and fracking.

Tube:

black, smooth, NBR rubber

Reinforcement:

high tensile textile plies

Cover:

black, smooth rubber, resistant to abrasion, heat, oil, ozone and weather. fabric impression

Temperature Range:

-40°F to +212°F (-40°C to +100°C)

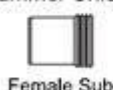
Design Factor:

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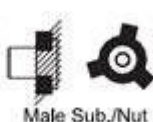
Couplings:

Full range of couplings are available, such as hammer unions, flanges, camlock, male thread, etc.

Hammer Unions



Female Sub

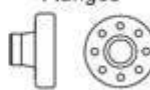


Male Sub/Nut

Hubs



Flanges



Specification

Standard : ABS approval

											
Hose ID		Hose O.D.		Working Pressure		Min. Bend Radius		Weight		Standard Length	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft	ft	m
2	50.8	2.66	67.6	300	2	14.0	356	2.65	1.78	200	60
2 1/2	63.5	3.16	80.3	300	2	17.0	432	3.21	2.16	200	60
3	76.2	3.70	89.9	300	2	21.0	533	3.65	2.45	200	60
4	101.6	4.70	94.0	300	2	28.0	711	4.67	3.14	200	60
5	127	5.84	148.3	300	2	35.0	889	6.70	4.50	200	60

Product Show:



Potable Water S/D Hose 300PSI

Product Description

Recommended For:

Transfer of potable water, non-potable water or liquids not containing oils or chemicals from a supply ship to an offshore drilling rig or platform. Various water-based transfer applications for offshore or onshore work sites. The food grade tube meets FDA requirements and will not impart taste to drinking water. The heavy duty reinforcement is designed to survive extreme oilfield application requirements. The specially compounded cover material is designed to withstand the harshest environment including abrasion and weathering.

Tube:

white, smooth, EPDM food quality rubber

Reinforcement:

white, smooth, EPDM food quality rubber

Cover:

blue, smooth rubber, synthetic rubber and weather resistant

Temperature Range:

-4°F to +194°F (-20°C to +90°C)

Design Factor:

3:1

Couplings:

Full range of couplings are available, such as hammer unions, flanges, camlock, male thread, etc.

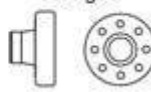
Hammer Unions



Hubs

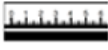


Flanges



Specification

Standard : ABS approval

											
Hose ID		Hose O.D.		Working Pressure		Min. Bend Radius		Weight		Standard Length	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft	ft	m
4	101.6	4.96	126.0	300	2	28.0	711	5.58	3.7	200	60
5	127	6.09	154.7	300	2	36.0	914	7.87	5.28	200	60
6	152.4	7.16	181.9	300	2	40.0	1016	9.84	6.69	200	60

Product Show:



Industrial Hose Tank Truck Fuel S/D Hose 150PSI

Product Description

Recommended For:

Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. Ideal for tank truck, fuel farm, and oil field service truck use where a super flexible, maximum kink resistant fuel transfer hose is needed.

Tube:

black, smooth, NBR rubber

Reinforcement:

high tensile textile plies and steel helix wire

Cover:

black, smooth rubber, resistant to abrasion, heat, oil, ozone and weather. fabric impression

Temperature Range:

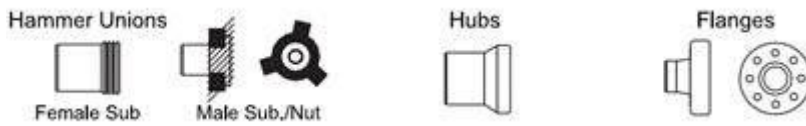
-40°F to +212°F (-40°C to +100°C)

Design Factor:

3:1

Couplings:

Full range of couplings are available, such as hammer unions, flanges, camlock, male thread, etc.



Specification

Standard : ABS approval

											
Hose ID		Hose O.D.		Working Pressure		Min. Bend Radius		Weight		Standard Length	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft	ft	m
1	25.4	1.50	38.1	150	1	3.0	76	0.80	0.54	100	30
1 1/4	31.8	1.75	44.5	150	1	4.0	102	1.06	0.71	100	30
1 1/2	38.1	2.02	51.3	150	1	4.0	102	1.56	1.05	100	30
2	50.8	2.52	64.0	150	1	6.0	152	1.99	1.34	100	30
2 1/2	63.5	3.05	77.5	150	1	8.0	203	2.62	1.76	100	30
3	76.2	3.53	89.7	150	1	9.0	229	3.57	2.40	100	30
4	101.6	4.62	117.3	150	1	12.0	305	4.90	3.29	100	30
6	152.4	6.87	174.5	150	1	17.0	432	8.80	5.91	100	30

Product Show:



Bulk Material S/D Hose 300PSI

Product Description

Recommended For:

Transfer of abrasive materials such as barite and cement from a supply Ship to an offshore drilling rig or platform; and for transfer applications on offshore or onshore drilling rigs or platforms. The natural rubber tube is specially compounded to conduct electricity and made with extra thickness to resist abrasion. The heavy duty reinforcement is designed to survive extreme oilfield

application requirements. The specially compounded cover material is designed to withstand the harshest environment including abrasion and weathering.

Tube:

black, smooth, conductive rubber, resistant to abrasion

Reinforcement:

high tensile textile plies and steel helix wire

Cover:

black, smooth, weather and abrasion resistant rubber, conductive, fabric impression

Temperature Range:

-40°F to +158°F (-40°C to +70°C)

Design Factor:

3:1

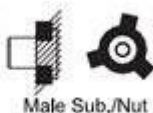
Couplings:

Full range of couplings are available, such as hammer unions, flanges, camlock, male thread, etc.

Hammer Unions



Female Sub

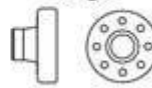


Male Sub./Nut

Hubs



Flanges



Specification

Standard : ABS approval

											
Hose ID		Hose O.D.		Working Pressure		Min. Bend Radius		Weight		Standard Length	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft	ft	m
3	76.2	4.23	107.4	300	2	32.0	812	5.25	3.47	200	60
4	101.6	5.30	134.6	300	2	42.0	1066	7.87	5.23	200	60
5	127	6.33	160.8	300	2	51.0	1295	8.86	6.03	200	60
6	152.4	7.33	186.2	300	2	60.0	1524	10.83	7.27	200	60

Product Show:



Industrial Hose UHMWPE Chemical S/D Hose (125-200)PSI

Product Description

Recommended For:

Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Renegade contains a wire helix for full suction capability, as well as for routing hoses through tight bends. The Ultra High Molecular Weight Polyethylene tube stock has excellent chemical resistance. Applications include over 450 basic chemicals which are building blocks for numerous chemicals used in a variety of industries.

Tube:

UHMWPE, smooth, conductive, abrasion resistant, food quality. Complies FDA-standards.

Reinforcement:

high tensile textile plies and steel helix wire

Cover:

green conductive rubber, abrasion, ozone and weather resistant. Corrugated with fabric impression.

Temperature Range:

-22°F to +248°F (-30°C to +120°C)

Design Factor:

3:1

Couplings:

Full range of couplings are available, such as hammer unions, flanges, camlock, male thread, etc.

Hammer Unions



Female Sub



Male Sub./Nut



Hubs



Flanges

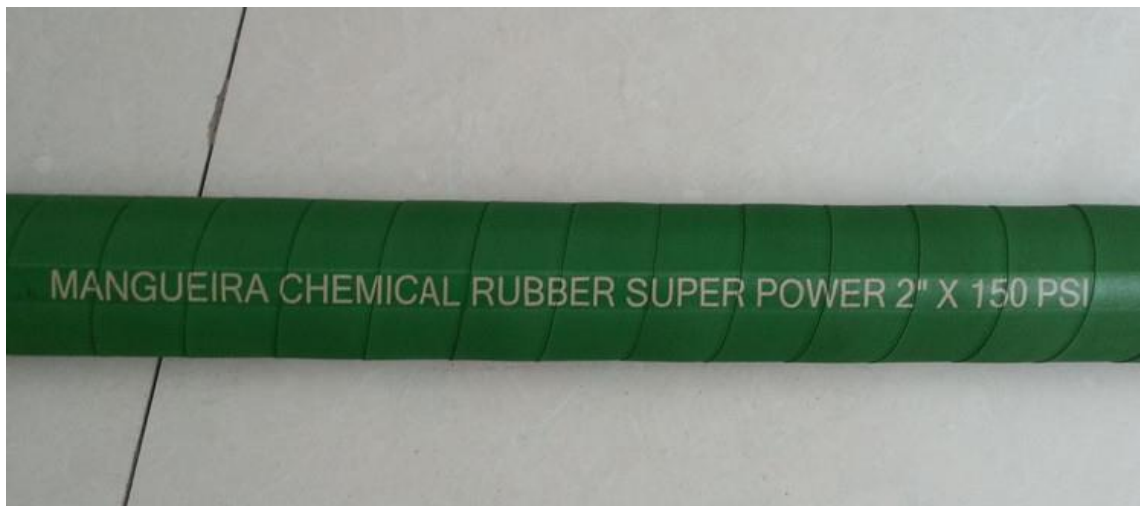


Specification

Standard : ABS approval

											
Hose ID		Hose O.D.		Working Pressure		Min. Bend Radius		Weight		Standard Length	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft	ft	m
3/4	19.1	1.22	31.0	200	1.33	4.0	102	0.61	0.41	200	60
1	25.4	1.47	37.3	200	1.33	5.0	127	0.76	0.51	200	60
1 1/4	31.8	1.72	43.7	200	1.33	6.0	152	0.89	0.60	200	60
1 1/2	38.1	2.00	50.8	200	1.33	8.0	203	1.16	0.78	200	60
2	50.8	2.50	63.5	200	1.33	9.0	229	1.61	1.08	200	60
2 1/2	63.5	3.01	76.5	150	1	12.0	305	2.07	1.39	200	60
3	76.0	3.53	89.7	150	1	18.0	457	2.62	1.76	200	60
4	101.6	4.53	115.1	150	1	24.0	610	3.71	2.49	200	60

Product Show:



Industrial Hose Oilfield Frac S/D Hose 150PSI

Product Description

Recommended For:

Designed for transfer of multiple types of hydraulic Fracking fluids from tank trucks. And also engineered for the demands of high working pressures of hydraulic fracturing operations.

Tube:

NBR rubber

Reinforcement:

high tensile textile plies and steel helix wire

Cover:

SBR for abrasion resistance

Temperature Range:

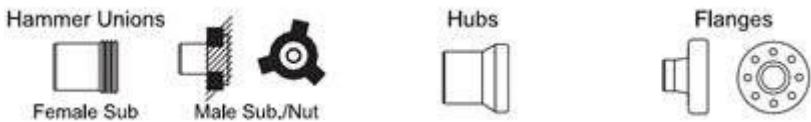
-40°F to +212°F (-40°C to +100°C)

Design Factor:

3:1

Couplings:

Full range of couplings are available, such as hammer unions, flanges, camlock, male thread, etc.



Specification

Standard : ABS approval

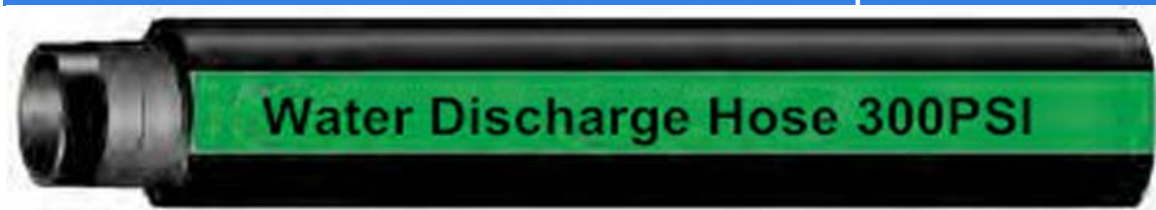
									
Hose ID		Hose O.D.		Working Pressure		Min. Bend Radius		Weight	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In.)	(mm)	kg/m	lb/ft
6	152.4	6.9	175.3	150	1	30.0	762	9.35	6.28
8	203.2	8.9	226.1	150	1	48.0	1219	10.60	7.12

Product Show:



Industrial Hose Water Discharge Hose 300PSI

Product Description



Recommended For:

Transfer of non-potable water or liquids not containing oils or chemicals from a supply ship to an offshore drilling rig or platform. Various water-based transfer applications for offshore or onshore work sites.

The heavy duty reinforcement is designed to survive extreme oilfield application requirements.

The specially compounded cover material is designed to withstand the harshest environment including

abrasion and weathering.

Tube:

black smooth rubber

Reinforcement:

high tensile textile plies

Cover:

black, smooth rubber, weather and abrasion resistant rubber, fabric impression

Temperature Range:

-22°F to +176°F (-30°C to +80°C)

Design Factor:

3:1

Couplings:

Full range of couplings are available, such as hammer unions, flanges, camlock, male thread, etc.

Hammer Unions



Female Sub



Male Sub./Nut



Hubs



Flanges



Specification

Standard : ABS approval

									
Hose ID		Hose O.D.		Working Pressure		Weight		Standard Length	
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	kg/m	lb/ft	ft	m
2	50.8	2.58	65.5	300	2	1.31	0.98	200	60
3	76.2	3.64	92.5	300	2	2.62	1.80	200	60
4	101.6	4.64	117.9	300	2	3.28	2.30	200	60
5	127	5.78	146.8	300	2	5.25	3.50	200	60
6	152.4	6.82	173.2	300	2	6.56	4.50	200	60

Medium Duty PVC Layflat Hose



Applications

Being widely used for conveying liquids in the fields of agriculture irrigation, forestry sprinkler irrigation, construction project, industrial and mining enterprise at high working pressure under low or medium temperature.

Characteristics

Choosing high strength polyester filament and high quality PVC, it used advanced technology and polyester reinforced layer made by one-step procedure through braided.

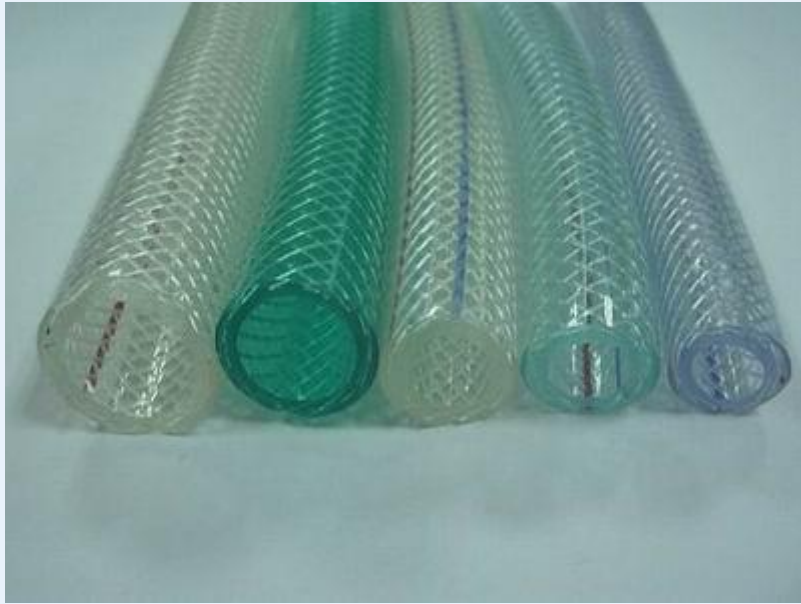
- 1.This kind of hose has the advantages of anti-stretch, anti-fracture, resisted high pressure and small expansion rate.
- 2.It is light, flexible, bright colors, anti-erosion, anti-aging, abrasion resistance and anti-ultraviolet.
- 3.No odor, environmental protection products.

Working Temperature: -5°C-70°C

Specifications of Medium Duty PVC Layflat Hose

Item No.	Inch	I.D.	M/Roll	W.P.	B.P.	Weight	CBM/Roll
		MM	M	BAR		KG/Roll	M³
MDLH-025	1"	25	100	8	24	15	0.017
MDLH-032	1-1/4"	32	100	7	21	17	0.02
MDLH-038	1-1/2"	38	100	7	21	19	0.024
MDLH-051	2"	51	100	4	12	22	0.034
			100	5	15	25	0.034
			100	6	18	30	0.034
MDLH-064	2-1/2"	64	100	4	12	30	0.046
			100	5	15	35	0.046
			100	6	18	40	0.046
MDLH-076	3"	76	100	4	12	35	0.06
			100	5	15	40	0.06
			100	6	18	48	0.06
MDLH-102	4"	102	100	3	9	53	0.083
			100	4	12	60	0.083
			100	5	15	72	0.086
MDLH-127	5"	127	100	4	12	75	0.109
MDLH-153	6"	153	100	4	12	90	0.141
MDLH-203	8"	203	100	4	12	180	0.25
MDLH-254	10"	254	50	3	9	130	0.17
MDLH-304	12"	304	50	3	9	155	0.225

PVC Fiber Reinforced Hose



Applications

This product can be widely used in foodstuffs and sanitation lines. It is the best choice for conveying air, water, gas, oil and some other liquid and gas material with the normal working condition in the factory, farm, ship, building and family.

Characteristics

It is flexible, transparent, durable, non-toxic, odorless, anti-erosion and adaptable to high pressure condition. By adding colorful symbol lines on the surface of the hose, it looks more beautiful.

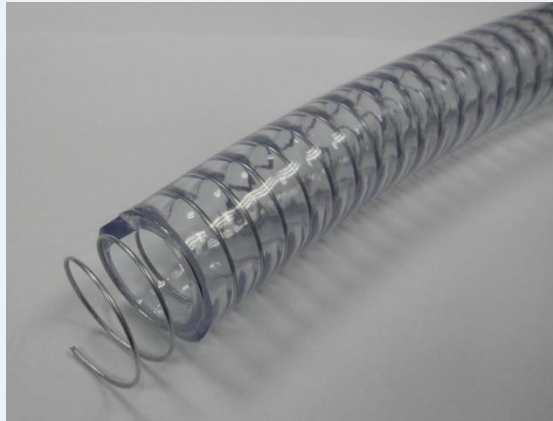
Working Temperature: -5°C-65°C

Specifications of PVC Fiber Reinforced Hose

Item No.	Inch	I.D.	O.D.	M/Roll	W.P.	B.P.	Weight	Volume
		MM		M	Bar		KG/Roll	Cube
FRH-005	13/64"	5	9	100	8	25	5.8	0.012
FRH-006	1/4"	6	10	100	10	30	6.6	0.015

		6	12	100	10	30	11.1	0.019
FRH-008	5/16"	8	12	100	10	30	8.2	0.019
		8	14	100	10	30	13.6	0.029
FRH-009	3/8"	9	13	100	9	27	9	0.025
		9	14	100	9	27	11.8	0.029
FRH-010	13/32"	10	14	100	8	24	10.2	0.029
		10	16	100	8	24	16	0.038
FRH-013	1/2"	13	17	100	6	18	12.3	0.042
		13	19	100	8	24	19.7	0.052
FRH-016	5/8"	16	20	50	5	15	7.4	0.030
		16	22	50	8	24	11.7	0.031
FRH-019	3/4"	19	24	50	4	12	11.1	0.043
		19	26	50	8	24	16.2	0.050
FRH-020	25/32"	20	26	50	6	18	14.2	0.048
		20	28	50	7	21	19.7	0.057
FRH-022	7/8"	22	28	50	6	18	15.4	0.058
		22	30	50	7	21	21.4	0.058
FRH-025	1"	25	30	50	4	12	14.1	0.068
		25	32	50	5	15	20.5	0.077
FRH-032	1 1/4"	32	39	40	4	12	20.4	0.119
		32	41	40	5	15	27	0.119
FRH-038	1 1/2"	38	45	40	4	12	23.9	0.151
		38	48	40	4	12	35.4	0.155
FRH-045	1 3/4"	45	55	30	4	12	30.9	0.217
FRH-050	2"	50	58	30	3	9	26.7	0.198
		50	62	30	4	12	41.5	0.209
FRH-064	2-1/2"	64	78	25	4	12	51.5	0.304
FRH-075	3"	75	90	20	4	12	51	0.350

PVC Steel Wire Reinforced Hose



Applications

The hose is widely used for drawing and conveying water, oil and powder in the factories, agriculture, engineering, foodstuffs and sanitation lines. The hose used for foodstuffs is made of special materials. It is non-toxic, light, without odor and transparent. This hose can be used for conveying milk, beverage, distilled liquor, beer, jam, and other foods.

Characteristics

- 1.This hose, with steel wire screwing inlaid in the hose, is light, transparent, with small bending radius. It has good adaptability to hard weather conditions and minus pressure.
- 2.With colorful symbol lines on the surface of the hose, it can be more beautiful.

Working Temperature: -5°C-65°C

Specifications of PVC Spiral Steel Wire Reinforced Hose

Item No.	Inch	I.D.	O.D	M/Roll	W.P.	B.P.		Weight	CBM/Rol
						AT23°C	AT60°C		
		MM	MM	MM	Bar	Bar	Bar	KG/Roll	M³
SWRH-006	1/4"	6	11	100	-1-11	33	16	11.5	0.028
SWRH-008	5/16"	8	14	100		33	16	15	0.039

SWRH-009	3/8"	9	15	100		33	16	18	0.029
SWRH-010	3/8"	10	16	100		33	15	20	0.045
SWRH-012	1/2"	12	18	100	-1-10	30	15	22	0.049
SWRH-015	5/8"	15	22	100		30	13	31	0.074
SWRH-019	3/4"	19	26	50		30	12	18	0.052
SWRH-025	1"	25	33	50		25	10	27	0.08
SWRH-032	1-1/4"	32	41	40	-1-7	20	9	31	0.106
SWRH-038	1-1/2"	38	48	40	-1-6	18	8	42	0.154
SWRH-045	1-3/4"	45	56	40		17	8	52	0.190
SWRH-048	1-7/8"	48	59	40	-1-5	16	7	56	0.208
SWRH-050	2"	50	62	40	-1-5	16	7	64	0.276
SWRH-058	2-5/16	58	70	40		15	7	80	0.350
SWRH-063	2-1/2"	63	80	30		14	5	84	0.331
SWRH-075	3"	75	91	30		13	5	105	0.436
SWRH-090	3-1/2"	90	108	20	-1-4	12	5	90	0.640
SWRH-100	4"	100	118	20	-1-3	10	5	96	0.505
SWRH-110	4-3/8"	110	123	20		10	5	80	0.81
SWRH-117	4-5/8"	117	133	20		10	5	110	1.024
SWRH-127	5"	127	143	20		10	5	120	1.243
SWRH-140	5-1/2"	140	156	10		10	5	65	0.627
SWRH-152	6"	152	168	10		10	5	70	0.765
SWRH-160	6-5/16	160	176	10		10	5	85	0.922
SWRH-180	7"	180	196	10		10	5	90	1.156
SWRH-200	8"	200	224	10		10	5	120	1.426

PVC Garden Hose



Applications

The hose is widely used for irrigations and washing in the parks, community, factories and families. Being light, colorful, flexible and with the excellent resistance to hard weather conditions, this hose is the ideal matched product of garden irrigation.

Characteristics

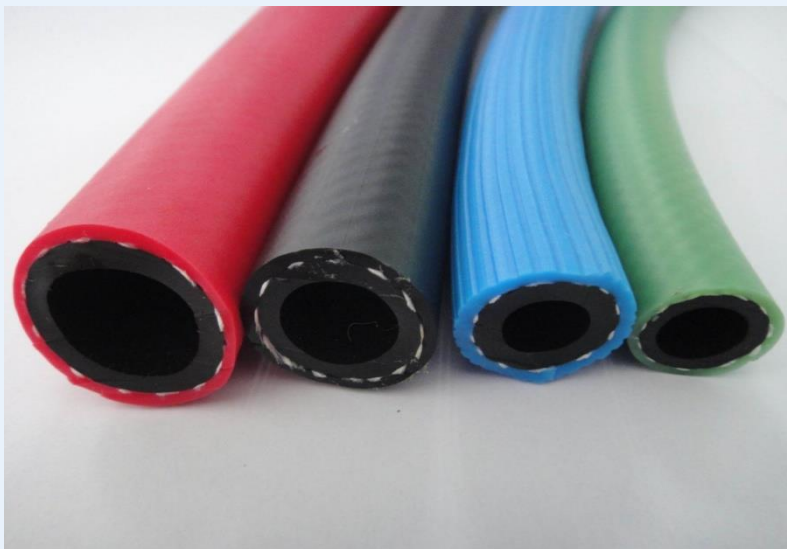
The inner layer adopt germproof PVC, it will not produce fungus or moss even for long time no use. The middle layer made by 24 strips fiber can endure high water pressure, the outer layer adopt ultraviolet radiation resistance PVC, no fissure phenomenon by expose it to the sun, match fitting or water gun, packing and the length all can make according to the requirement of customer.

Working Temperature: -5°C-65°C

Specifications of PVC Garden Hose

Item No.	Inch	I.D	O.D.	M/Roll	W.P.	B.P.	Weight	Volume
		MM		M	Bar		Kg/Roll	M³
GH-6	1/4	6	10	100	8	24	6.7	0.024
		6	11		10	30	9	0.025
GH-8	5/16	8	12		7	21	8.4	0.021
		8	13		10	30	11.2	0.026
GH-9	3/8	9	14		10	30	12.2	0.028
GH- 10		10	14		5	15	10.1	0.028
		10	15		9	27	13.3	0.030
GH-12	1/2	12	16		8	24	11.9	0.048
GH-13		13	17		5	15	12.7	0.048
		13	18		8	24	16.4	0.048
GH-16	5/8	16	20	50	5	15	7.63	0.033
		16	21		8	24	9.8	0.033
GH-19	3/4	19	24		4	12	11.4	0.045
		19	25		8	24	14	0.045
GH-25	1	25	30		4	12	14.57	0.074
		25	31		6	18	17.8	0.083

PVC and Rubber Mixed Air Hose



Applications

Being made of tough PVC mixed with Rubber materials and high tensile polyester reinforcement.

This hose has honed surface which is similar as rubber hose surface, it can work under very high working pressure, and light, flexible, durable, anti-erosion, frost resistant, oil resistant and explosion resistant.

For big sizes, can be made 100m per roll, even longer. All color is available.

Characteristics

The hose is widely used in pneumatic tools, pneumatic washing apparatus, engine components, machine service and civil engineering equipments.

Working Temperature: -10°C-80°C

Specifications of PVC and Rubber Mixed Air Hose

Item No.	Inch	I.D.	O.D.	M/Roll	W.P.	B.P.	Weight	CBM/Rol
		MM			BAR		KG/Roll	M³
RPMH-006	1/4”	6.5	12	100	25	80	11.0	0.024
RPMH-008	5/16”	8.5	14	100	25	80	13.4	0.026
RPMH-010	3/8”	10	16	100	20	60	16.9	0.041
RPMH-013	1/2”	13	20	50	20	60	12.5	0.029
RPMH-016	5/8”	16	25	50	20	60	20.0	0.040
RPMH-019	3/4”	19	28.5	50	17	52	24.4	0.056
RPMH-025	1”	25	34.5	50	16	48	30.6	0.094

PVC Suction Hose



Applications

Good substitute for rubber and metal hose in most application.

Agricultural irrigation, chemical transfer, water, oil, grain and powder conveying.

Characteristics

Being light in weight, with good resistance to the hard weather conditions and minus pressure, and small bending radius.

Excellent resistance to pressure, external impacts, chemical, gases, light acids and saline water.

Working Temperature: -5°C-65°C

Specifications of PVC Suction Hose

Item No.	Inch	I.D.	O.D.	M/Roll	W.P.	B.P.	Weight
		MM	MM	M	BAR		KG/Roll
SH-19	3/4"	19	23	50	6	18	11.5

		19	25		8	24	14
SH-25	1"	25	29	50	6	18	14.5
		25	32		8	24	22.5
SH-32	1-1/4"	32	36	50	5	15	17.5
		32	40		8	24	25
SH-38	1-1/2"	38	43	50	5	15	25
		38	48		8	24	37.5
SH-50	2"	50	56	50	5	15	32.5
		50	60		7	21	52.5
SH-63	2-1/2"	63	69	50	3	9	44
		63	73		5	15	65
SH-75	3"	75	83	50	4	12	65
		75	87		6	18	95
SH-100	4"	100	110	50	4	12	115
		100	116		5	15	170
SH-125	5"	125	135	30	4	12	90
		125	141		5	15	120
SH-150	6"	150	164	30	3	9	123
		150	170		4	12	210
SH-200	8"	200	216	11.8	3	9	79.06
		200	228		4	12	147.5
SH-250	10"	250	266	11.8	3	9	118
		250	274		4	12	177
SH-300	12"	300	316	11.8	4	12	153.4
		300	324		4	12	206.5
SH-350	14"	350	366	11.8	4	12	182.9
		350	374		4	12	224.2
SH-400	16"	400	416	11.8	4	12	212.4
		400	420		5	15	230.1

PVC Clear Hose



Applications

The product is used for conveying water, oil, gas, under normal working condition in the factory, farm, ship, building and family.

Characteristics

It is flexible, transparent, durable, non-toxic, odorless, anti-erosion and adaptable to normal pressure condition. By adding colorful symbol lines on the surface of the hose, it looks more beautiful.

Working Temperature: -5°C-65°C

Specifications of PVC Clear Hose

Item No.	Inch	I.D.	O.D.	M/Roll	W.P.	B.P.	Weight	CBM/Rol
		MM			BAR		KG/Roll	M³
CH-006	1/4”	6	8	100	5	15	2.9	0.015
CH-008	5/16”	8	10	100	5	15	3.8	0.019
CH-010	3/8”	10	12	100	5	15	4.6	0.026
CH-012	1/2”	12	15	50	3	10	4.2	0.019

CH-015	5/8"	15	18	50	3	10	5.2	0.030
CH-019	3/4"	19	22	50	3	10	6.4	0.030
CH-025	1"	25	30	50	3	9	14.3	0.068
CH-032	1-1/4"	32	38	50	3	9	21.8	0.113
CH-038	1-1/2"	38	44	50	3	9	25.5	0.151
CH-050	2"	50	58	40	3	9	36	0.262

PVC Twin Welding Hose



Applications

Being widely used in welding machine, architecture and lacquer factory.

Characteristics

Two tubes welded together, light, elastic, easy to handle, anti-erosion, resistant to fire, and easy to distinguish due to the different colors of the tube.

Working Temperature: -5°C-65°C

Specifications of PVC Twin Welding Hose

Item No	Inch	I.D.	O.D.	M/Roll	W.P.	B.P.	Weight	CBM/RO
		MM		M	BAR	BAR	KG/Roll	M³
TWH-005	13/64”	5	11	50	25	75	10.2	0.023
TWH-006	1/4”	6	12	50	25	75	11.5	0.028
TWH-008	9/32”	8	14	50	20	60	14	0.038
TWH-009	5/16”	9	15	50	20	60	15.3	0.045
TWH-010	3/8”	10	16	50	20	60	16.5	0.049
TWH-012	1/2”	12	18	50	20	60	19	0.061

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