

Steel Wire Reinforced, Rubber Covered Hydraulic Hose (100R1)**Wire Braid Hydraulic Hose:** SAE 100 R1AT / DIN EN 853 1SN STANDARD**Tube:** Oil resistant synthetic rubber**Reinforcement:** one high tensile steel wire braid**Cover:** Abrasion, oil and weather resistant synthetic rubber**Temperature range:** -40 °C to +100 °C**SAE 100R1 & DIN EN853 1SN**

胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/16	4.8	10.2	12.5	25	3630	100	14280	89	0.21
1/4	6.4	11.2	13.1	22.5	3270	90	12840	102	0.25
5/16	7.9	12.8	15	21.5	3120	85	12280	114	0.3
3/8	9.5	15.2	17.1	18	2610	72	10280	127	0.38
1/2	12.7	18.2	20.1	16	2320	64	9180	178	0.45
5/8	15.9	21.3	23.5	13	1890	52	7420	203	0.55
3/4	19.0	25.2	27.3	10.5	1530	42	6000	241	0.66
7/8	22.2	29.1	31.5	8.8	1280	35	5020	279	0.9
1	25.4	32.5	35	8.8	1280	35	5020	305	1.0
1-1/4	31.8	38.5	42	6.9	920	25	3600	419	1.3
1-1/2	38.1	45.5	49	5	730	20	2860	508	1.5
2	50.8	58.5	62.5	4	580	16	2280	635	2.0

High Pressure, Steel Wire Reinforced Rubber Covered Hydraulic Hose (100R2)

Wire Braid Hydraulic Hose: SAE 100 R2AT / DIN EN 853 2SN STANDARD**Tube:** Oil resistant synthetic rubber**Reinforcement:** two high tensile steel wire layers 2 w**Cover Compound:** Abrasion and weather resistant synthetic rubber**Temperature range:** -40 °C to +100 °C

SAE 100R2 & DIN EN 853 2SN



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm			Mpa	Psi	Mpa	Psi		
3/16	4.8	11.8	13.6	41.5	6000	165	23720	89	0.3
1/4	6.4	12.8	14.8	40	5800	160	22840	102	0.4
5/16	7.9	14.3	16.6	36	5250	140	20000	114	0.5
3/8	9.5	16.8	18.7	33	4800	132	18840	127	0.6
1/2	12.7	20	22	27.5	4000	110	15720	178	0.7
5/8	15.9	23.1	25.4	25	3630	100	14280	203	0.8
3/4	19.0	27	29	21.5	3120	85	12280	241	1.0
7/8	22.2	31	33.5	16.5	2400	65	9420	279	1.2
1	25.4	34.5	36.5	16.5	2400	65	9420	305	1.5
1-1/4	31.8	41.5	45	12.5	1820	50	7140	419	1.8
1-1/2	38.1	47.5	51	9	1310	36	5140	508	2.4
2	50.8	60.5	64.5	8	1160	32	4560	635	2.7
2-1/2	63.5	72	76	6.9	1000	27.6	4000	762	3.4

Double Fiber Braid (Nonmetallic), Rubber Covered Hydraulic Hose (100R3)

Fibre Braided Hydraulic Hose: SAE J517 TYPE 100 R3 STANDARD**Tube:** Oil resistant synthetic rubber**Reinforcement:** two high tensile steel fibre braid (2T/B)**Cover Compound:** Abrasion and weather resistant synthetic rubber**Temperature range:** -40 °C to +100 °C

SAE 100R3



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外 径 (Hos e OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/16	4.8	11.8	12.7	10.3	1520	42	6500	70	0.18
1/4	6.4	12.8	14.3	8.6	1350	34.8	5300	76	0.21
5/16	7.9	14.3	17.5	8.3	1300	33.6	5200	102	0.28
3/8	9.5	16.8	19	7.8	1200	31.2	4840	102	0.4
1/2	12.7	20	23.8	6.9	1080	28	4340	127	0.56
5/8	15.9	23.1	27	6.0	945	24.4	3780	140	0.6
3/4	19.0	27	31.8	5.2	800	20.8	3220	152	0.7
7/8	22.2	31	35	3.9	600	15.5	2420	203	0.8
1	25.4	34.5	38	3.9	600	15.5	2420	203	0.85
1-1/4	31.8	42	44.4	2.6	400	10.4	1610	254	1.0

Wire Inserted Hydraulic Suction Hose (100R4)

DIN EN 854 SAE100 R4 (Suction and discharge Hose)**Tube:** oil resistant synthetic rubber**Reinforcement:** textile layers, zinc plated steel wire helix**Cover:** abrasion, oil and weather resistant synthetic rubber**Temperature range (medium):** -40°C to +100°C**SAE100 R4**

胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	Mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/4	19.0	29	33	21.5	3120	85	12280	125	1.5
1	25.4	37	41.3	16.5	2400	65	9420	150	1.8
1-1/4	31.8	46	50.8	12.5	1820	50	7140	200	2.2
1-1/2	38.1	53	57.2	9	1310	36	5140	255	2.5
2	50.8	65	69.9	8	1160	32	4560	300	3.2
2-1/2	63	78	82.6	4	580	16	1160	355	4.5
3	76	91	95.3	3	435	12	870	460	5.5
3-1/2	89	103	107.9	2.5	365	10	730	530	6.1
4	102	116	120.7	3.5	510	14	1020	610	8.5

Single Wire Braid, Textile Covered Hydraulic Hose (100R5)

Wire Braid Hydraulic Hose: SAE J517 TYPE 100 R5 STANDARD**Tube :** Oil resistant synthetic rubber**Reinforcement :** Fibre inner braid + one high tensile steel wire braid (1T/B X 1W/B)**Cover:** one Impregnated fibre braid (1 T/B)**Temperature range :** -40 °C to +100 °C

SAE 100R5



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm			Mpa	Psi	Mpa	Psi		
3/16	4.8	11	13.2	25	3630	100	14280	76	0.25
1/4	6.4	12	14.8	22.5	3270	90	12840	86	0.3
5/16	7.9	14.5	17.1	21.5	3120	85	12280	102	0.36
3/8	9.5	17	19.5	18	2610	72	10280	117	0.5
1/2	12.7	21	23.4	16	2320	64	9180	140	0.55
5/8	15.9	25	27.4	13	1890	52	7420	165	0.65
3/4	19.0	27.5	30	10.5	1530	42	6000	187	0.7
7/8	22.2	29	31.4	8.8	1280	35	5020	200	0.85
1	25.4	34	36	8.8	1280	35	5020	200	0.9
1-1/8	28.6	35.5	38.1	7	1015	28	2030	229	1.05
1-3/8	35	42	44.4	6	870	24	1740	267	1.25
1-13/16	46	54	56.4	5	725	20	1450	337	1.3
2-3/8	60	70.5	73	4	580	16	1160	610	2.0
3	76	88	90.5	2.5	80	10	160	888	3.0

Single Fiber Braid Rubber Covered Hydraulic Hose (100 R6)

Tube: oil resistant synthetic rubber**Reinforcement:** one high tensile steel fibre braided (1T/B)**Cover:** abrasion and weather resistant synthetic rubber**Temperature range:** -40 °C to +100 °C

SAE 100R6



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/16	4.8	9.8	11.2	3.5	500	14	2030	50	0.1
1/4	6.4	11	12.8	2.8	410	11.2	1620	65	0.15
5/16	7.9	12.8	14.4	2.8	410	11.2	1620	75	0.16
3/8	9.5	14.8	16	2.8	410	11.2	1620	75	0.18
1/2	12.7	17.8	19.8	2.8	410	11.2	1620	100	0.26
5/8	15.9	21	23	2.4	350	9.8	1420	125	0.3
3/4	19.0	24	26.6	2.1	310	8.4	1220	150	0.4
1	25.4	32.5	35	1.6	350	4.8	1000	250	0.8

Thermoplastic Hydraulic Hose SAE 100R7&DIN EN 855 R7

Construction: this hose shall consist of a thermoplastic inner tube resistant to hydraulic fluids with suitable synthetic fiber reinforcement and a hydraulic fluid and weather resistant thermoplastic cover.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to +93°C.

SAE 100R7& DIN EN 855 R7



胶管内径 (Hose ID)		胶管外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
1/8	3.3	8.5	17.2	2500	68.9	10000	13	0.037
3/16	4.8	10.8	20.7	3000	82.7	12000	20	0.068
1/4	6.4	13.0	20.7	3000	82.7	12000	33	0.085
5/16	7.9	15.1	17.2	2500	68.9	10000	46	0.1
3/8	9.5	17.0	15.5	2250	62.1	9000	51	0.14
1/2	12.7	20.7	13.8	2000	55.2	8000	76	0.21
5/8	15.9	24.7	10	1450	40	5800	100	0.25
3/4	19.0	27.1	8.6	1250	34.5	5000	127	0.287
1	25.4	34.0	6.9	1000	27.6	4000	203	0.542

THERMOPLASTIC HYDRAULIC HOSE SAE 100 R8 & DIN EN 855 R8

Construction: This hose shall consist of a thermoplastic inner tube resistant to hydraulic fluids with suitable synthetic fiber reinforcement, and a hydraulic fluid and weather resistant thermoplastic cover.

Applications: This section covers hose for use with petroleum

Temperature range: -40°C to +93°C.

SAE 100R8 & DIN EN 855 R8



胶管内径 (hose ID)		胶管外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/16	4.8	13.1	34.5	5000	137.9	20000	38	0.12
1/4	6.4	15.9	34.5	5000	137.9	20000	51	0.18
3/8	9.5	19.4	27.6	4000	110.3	16000	64	0.22
1/2	12.7	22.7	24.1	3500	96.5	14000	102	0.29

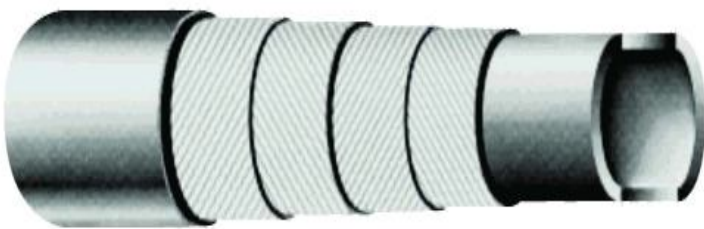
Multi-spiral Hydraulic Hose

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, four spiral plies of steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 100°C.

SAE100 R9 & DIN EN856 4SP



胶管内径 (hose ID)		增强层外径 (Wire OD)	胶管外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
Inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/8	9.5	17.5	21	44.5	6450	180	26000	180	0.8
1/2	12.7	20.2	24	41.5	6000	166	24000	230	0.9
5/8	15.9	23.8	28.2	35	5000	140	20000	250	1.2
3/4	19.0	28.2	32.2	35	5000	140	20000	300	1.6
1	25.4	35.5	39.7	28	4000	112	16000	340	2.1
1-1/4	31.8	46	50.8	21	3000	84	12000	460	3.3
1-1/2	38.1	52.4	57.7	18.5	2700	74	10800	560	3.7
2	50.8	65.3	69.6	16.5	2400	66	9600	660	5.5

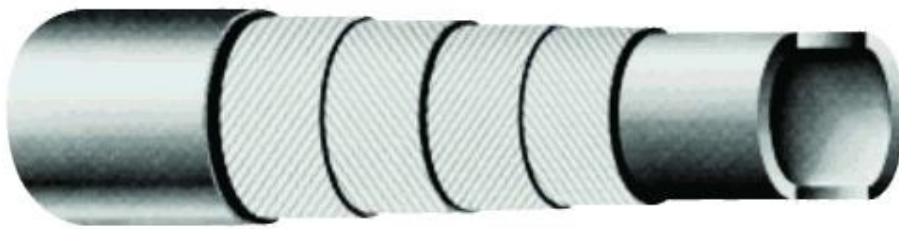
Multi-spiral Hydraulic Hose

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, four spiral plies of steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 100°C.

SAE100 R10 & EN856 4SH



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm			Mpa	Psi	Mpa	Psi		
3/4	19.0	28.4	32	46	6670	184	26680	280	1.6
1	25.4	35.5	38.6	35	5075	140	20300	340	2.1
1-1/4	31.8	42	45.8	35	5075	140	20300	460	3.3
1-1/2	38.1	49	53.3	35	5075	140	20300	560	3.7
2	50.8	63.2	68.1	35	5075	140	20300	700	5.5

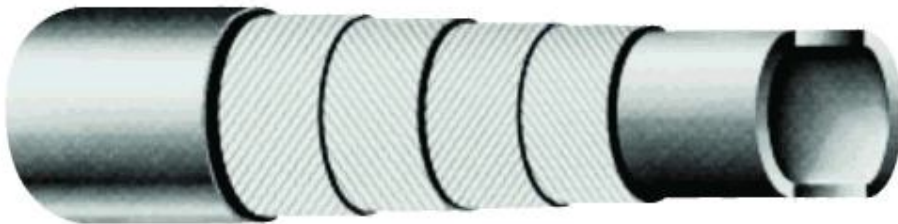
Multi-spiral Hydraulic Hose

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, four spiral plies of steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 125°C.

SAE100R12



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hos e OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm			Mpa	Psi	Mpa	Psi		
3/8	9.5	17.2	20.3	27.5	4000	110	16000	125	0.65
1/2	12.7	20.7	23.8	27.5	4000	110	16000	180	0.85
5/8	15.9	24.6	27.4	27.5	4000	110	16000	200	1.3
3/4	19.0	27.7	30.7	27.5	4000	110	16000	240	1.5
1	25.4	34.9	38	27.5	4000	110	16000	300	2.0
1-1/4	31.8	43.9	47	20.7	3000	82.8	12000	420	2.9
1-1/2	38.1	50.4	53.5	17.2	2500	68.8	10000	500	3.3
2	50.8	63.7	66.7	17.2	2500	68.8	10000	630	4.9

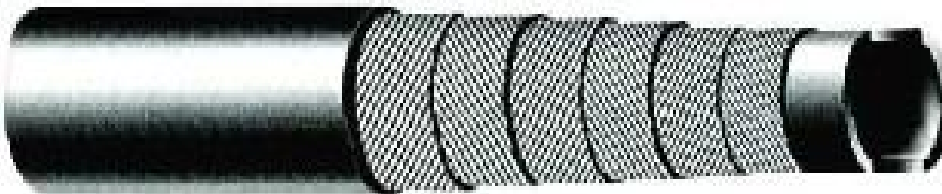
Multi-spiral Hydraulic Hose

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, multiple spiral plies of heavy steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 125°C.

SAE100R13



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm			Mpa	Psi	Mpa	Psi		
3/4	19.0	28.4	32.1	34.5	5000	138	20000	240	1.7
1	25.4	34.8	38.7	34.5	5000	138	20000	300	2.25
1-1/4	31.8	47.5	50.2	34.5	5000	138	20000	420	3.9
1-1/2	38.1	52.5	57.7	34.5	5000	138	20000	500	5.1
2	50.8	68	71.5	34.5	5000	138	20000	630	7.9

Multi-spiral Hydraulic Hose

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, multiple spiral plies of heavy steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 125°C.

SAE100R15



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm			Mpa	Psi	Mpa	Psi		
3/8	9.5	20	23	42	6090	84	12180	150	0.8
1/2	12.7	23.8	26	42	6090	84	12180	200	0.95
3/4	19.0	32.5	35.5	42	6090	84	12180	265	1.85
1	25.4	38.6	42	42	6090	84	12180	330	2.9
1-1/4	31.8	47.8	50	42	6090	84	12180	445	4.2
1-1/2	38.1	55.5	58	42	6090	84	12180	530	5.6

Compact, high pressure, one and two steel wire reinforced, rubber covered hydraulic hose

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, steel wire reinforcement according to hose design one or two braids, 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.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 125°C.

SAE 100R16



胶管内径 (hose ID)		胶管外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力(Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
1/4	6.4	13.4	35	5075	140	20300	50	0.3
5/16	7.9	15	29.7	4305	119	17255	55	0.35
3/8	9.5	17.4	28	4060	112	16240	65	0.42
1/2	12.7	20.6	24.5	3550	98	14210	90	0.55
5/8	15.9	23.8	19.2	2780	77	11165	100	0.68
3/4	19.0	27.8	15.7	2275	63	9135	120	0.8
1	25.4	35.9	14	2030	56	8120	150	1.15
1-1/4	31.8	43.6	11.3	1635	45.5	6595	210	1.85

Compact, 21Mpa maximum working pressure, one and two steel wire reinforced, rubber covered hydraulic hose

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, steel wire reinforcement according to hose design one or two braids, 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.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 125°C.

SAE 100R17



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
1/4	6.4	11.0	13.2	21	3045	84	12180	50	0.17
5/16	7.9	13.0	15.0	21	3045	84	12180	55	0.21
3/8	9.5	15.0	17.0	21	3045	84	12180	65	0.26
1/2	12.7	18.8	21.1	21	3045	84	12180	90	0.48
5/8	15.9	23.6	25.9	21	3045	84	12180	100	0.6
3/4	19.0	27.7	30.3	21	3045	84	12180	120	0.75
1	25.4	35.6	38.6	21	3045	84	12180	150	1.45

Wire Braided Hydraulic Hose

Construction: 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.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 100°C

DIN EN857—1SC



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
1/4	6.4	10.8	13.5	22.5	3260	45	6525	75	0.15
5/16	7.9	12.1	14.5	21.5	3120	43	6235	85	0.15
3/8	9.5	14.5	16.9	18	2610	36	5220	90	0.18
1/2	12.7	18.1	20.4	16	2320	32	4640	130	0.24
5/8	15.9	21	23	13	1885	26	3770	150	0.3
3/4	19.0	24.4	26.7	10.5	1520	21	3045	180	0.35
1	25.4	31.9	34.9	8.8	1280	17.6	2550	230	0.5

Wire Braided Hydraulic Hose

Construction: 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.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to + 100°C

DIN EN857—2SC



胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力(Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
Inch	mm	mm	Mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
1/4	6.4	11.7	14.2	40	5800	160	23200	75	0.3
5/16	7.9	13.3	16	35	5075	140	20300	85	0.35
3/8	9.5	15.6	18.3	33	4785	132	19140	90	0.45
1/2	12.7	19.1	21.5	27.5	3990	110	15950	130	0.55
5/8	15.9	22.3	24.7	25	3625	100	14500	170	0.7
3/4	19.0	26.4	28.6	21.5	3120	86	12470	200	0.8
1	25.4	34.3	36.6	16.5	2390	66	9570	250	1.15

Abrasion Resistant Sand Blasting Hose

Purpose: used for mount on wind pressure sand blasting machine to remove rust and clean metal casting by blasting sand (or iron sand).

Characteristics: the inner rubber layer has feature of good wear resistance, while outer rubber layer with good aging and wear resistance.

Temperature range: between 20 and 40°C

The pressure of rubber hose shall not be less than four times of working pressure.

胶管内径 (hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/8	9.5	18	22	28	4060	112	16240	125	1.2
1/2	12.7	21	25	25	3625	100	14500	180	1.4
5/8	15.9	24	28	20	2900	80	11600	205	1.6
3/4	19.0	27	31	16	2320	64	9280	240	2.0
7/8	22.2	30	34	14	2030	56	8120	280	2.4
1	25.4	34	38	14	2030	56	8120	300	3.0
1-1/4	31.8	39	44	11	1595	44	6380	420	3.6
1-1/2	38.1	47	51	9	1305	36	5220	500	4
2	50.8	60	64	8	1160	32	4640	630	5.1

Liquid Nitrogen Hose

Tube: special rubber**Reinforcement:** one high tensile steel wire braid**Cover:** Abrasion, oil and weather resistant synthetic rubber**Applications:** Used for liquid nitrogen.

胶管内径 (Hose ID)		增强 层外 径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/8	9.5	18	22	28	4060	112	16240	125	1.2
1/2	12.7	21	25	25	3625	100	14500	180	1.4
5/8	15.9	24	28	20	2900	80	11600	205	1.6
3/4	19.0	27	31	16	2320	64	9280	240	2.0
7/8	22.2	30	34	14	2030	56	8120	280	2.4
1	25.4	34	38	14	2030	56	8120	300	3.0
1-1/4	31.8	39	44	11	1595	44	6380	420	3.6
1-1/2	38.1	47	51	9	1305	36	5220	500	4
2	50.8	60	64	8	1160	32	4640	630	5.1

Fireproof Antistatic hose

Construction: this hose consist of an inner tube of oil synthetic rubber, wire braid reinforcement, and an oil and weather resistant synthetic rubber cover.

Applications: for delivery of water, mineral oil water-based hydraulic oil in the hydraulic support combined cool cuttings in coal mine.

Temperature rang: -40°C to +100°C

Available in black with either corrugated or smooth finish .

1W Steel Wire Braid Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外径 (Hose OD)	工作压力 (Working Pressure)	试验压力 (Testing Pressure)	爆破压力 (Burst Pressure)	最小弯 曲半径 (Minimum bend radius)	重量 (Weight)
	mm	Mm	mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	11.4±0.8	13.2±1	20	40	60	100	0.32
8	8±0.8	13±0.8	14.8±1	18	36	54	115	0.38
10	10±0.8	15.4±0.8	17.2±1	16	32	48	130	0.46
13	13±0.8	18.4±0.8	20.2±1	14	28	42	180	0.57
16	16±0.8	21.4±0.8	23.4±1	12	24	36	205	0.65
19	19±0.8	24.6±0.8	26.6±1	10	20	30	240	0.79
22	22±1	28.3±0.8	31.3±1	9	18	27	280	0.9
25	25±1	31.5±0.8	34.2±1	8	16	24	300	1.02
32	32±1	39±0.8	43±1	6	12	18	420	1.31
38	38±1	46±0.8	50±1	5	10	15	500	1.44
45	45±1	53±0.8	57±1	5	10	15	560	1.73
51	51±1	59±0.8	62.5±1	4	8	12	630	1.95
64	64±1.5	72±1.5	76±1.5	3	6	9	770	2.63
76	76±1.5	85±1.5	89±1.5	2.5	5	7.5	930	3.42
89	89±1.5	98±1.5	103±1.5	1.8	3.6	5.4	1100	4.1
102	102±1.5	113±1.5	117±1.5	2.8	5.6	8.4	1250	5.6
127	127±1.5	139±2	144±2	2.2	4.4	6.6	1400	8
152	152±1.5	165.5±2	169±2	1.6	3.2	4.8	1500	10

2W Steel Wire Braid Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外径 (Hose OD)	工作压力 (Working Pressure)	试验压力 (Testing Pressure)	爆破压力(Burst Pressure)	最小弯曲半径 (Minimum bend radius)	重量 (Weight)
	mm	Mm	mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	12.8±0.8	14.8±1	60	70	140	100	0.48
8	8±0.8	14.4±0.8	16.4±1	48	64	128	115	0.53
10	10±0.8	16.8±0.8	18.8±1	53	56	112	130	0.67
13	13±0.8	19.8±0.8	21.8±1	40	50	100	180	0.83
16	16±0.8	23.2±0.8	25.2±1	34	44	88	205	0.94
19	19±0.8	26.2±0.8	28.2±1	34	36	64	240	1.1
22	22±1	30±0.8	33±1	18	28	56	280	1.3
25	25±1	33.4±0.8	36.4±1	16	28	56	300	1.45
32	32±1	41±0.8	45±1	16	22	44	420	1.82
38	38±1	48±0.8	52±1	14	18	27	500	1.98
45	45±1	55±0.8	59±1	8	16	24	560	2.41
51	51±1	61±0.8	65±1	8	16	24	630	2.62
64	64±1.5	74±1.5	79±1.5	4	8	12	770	3.53
76	76±1.5	87±1.5	92±1.5	3	6	9	930	4.5
89	89±1.5	100±1.5	105±1.5	2.5	5	7.5	1100	4.95
102	102±1.5	115±1.5	120±1.5	3.5	7	10.5	1250	7.0
127	127±1.5	142±2	147±2	3.5	7	10.5	1400	9.5
152	152±1.5	168.5±2	172±2	2.5	5	7.5	1500	12

3W Steel Wire Braid Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外径 (Hose OD)	工作压力 (Working Pressure)	试验压力 (Testing Pressure)	爆破压力(Burst Pressure)	最小弯曲半径 (Minimum bend radius)	重量 (Weight)
	mm	Mm	mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	14.4±0.8	16.4±1	70	105	145	140	0.63
8	8±0.8	16±0.8	18±1	60	90	130	160	0.72
10	10±0.8	18.4±0.8	20.4±1	55	60	120	180	0.85
13	13±0.8	21.4±0.8	23.4±1	36	54	108	240	1.07
16	16±0.8	24.8±0.8	26.8±1	36	48	96	300	1.25
19	19±0.8	28±0.8	30±1	36	40	80	330	1.45

22	22±1	31.7±0.8	34.7±1	20	30	60	380	1.65
25	25±1	34.7±0.8	37.2±1	18	30	60	400	1.89
32	32±1	43±0.8	47±1	18	27	54	450	2.35
38	38±1	50±0.8	54±1	15	22.5	45	500	2.58
45	45±1	57±0.8	61±1	12	18	36	580	3.02
51	51±1	63±0.8	67±1	12	18	36	630	3.29
64	64±1.5	76±1.5	81±1.5	5	10	15	790	4.42
76	76±1.5	89±1.5	94±1.5	4	8	12	960	5.56
89	89±1.5	102±1.5	107±1.5	3	6	10	1100	6.04
102	102±1.5	117±1.5	122±1.5	4.5	9	14	1280	8.5
127	127±1.5	145±2	150±2	3.5	7	12.8	1400	11.48
152	152±1.5	171±2	176±2	2.5	5	10	1500	14.34

Wire Braided Hydraulic Hose (GB3683—2006)

Construction: 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.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to 100°C.

1W Steel Wire Braid Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层 外径 (Wire OD)	胶管外 径 (Hose OD)	工作压力 (Working Pressure)	试验压力 (Testing Pressure)	爆破压力 (Burst Pressure)	最小弯 曲半径 (Minimum bend radius)	重量 (Weight)
	mm	mm	Mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	11.4±0.8	13.2±1	20	40	60	100	0.32
8	8±0.8	13±0.8	14.8±1	18	36	54	115	0.38
10	10±0.8	15.4±0.8	17.2±1	16	32	48	130	0.46
13	13±0.8	18.4±0.8	20.2±1	14	28	42	180	0.57
16	16±0.8	21.4±0.8	23.4±1	12	24	36	205	0.65
19	19±0.8	24.6±0.8	26.6±1	10	20	30	240	0.79
22	22±1	28.3±0.8	31.3±1	9	18	27	280	0.9
25	25±1	31.5±0.8	34.2±1	8	16	24	300	1.02
32	32±1	39±0.8	43±1	6	12	18	420	1.31
38	38±1	46±0.8	50±1	5	10	15	500	1.44
45	45±1	53±0.8	57±1	5	10	15	560	1.73
51	51±1	59±0.8	62.5±1	4	8	12	630	1.95
64	64±1.5	72±1.5	76±1.5	3	6	9	770	2.63
76	76±1.5	85±1.5	89±1.5	2.5	5	7.5	930	3.42
89	89±1.5	98±1.5	103±1.5	1.8	3.6	5.4	1100	4.1
102	102±1.5	113±1.5	117±1.5	2.8	5.6	8.4	1250	5.6
127	127±1.5	139±2	144±2	2.2	4.4	6.6	1400	8
152	152±1.5	165.5±2	169±2	1.6	3.2	4.8	1500	10

2W Steel Wire Braid Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外径 (Hose OD)	工作压 力 (Working Pressure)	试验压 力 (Testing Pressure)	爆破压力 (Burst Pressure)	最小弯 曲半径 (Minimum bend radius)	重量 (Weight)
	mm	mm	mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	12.8±0.8	14.8±1	60	70	140	100	0.48
8	8±0.8	14.4±0.8	16.4±1	48	64	128	115	0.53
10	10±0.8	16.8±0.8	18.8±1	53	56	112	130	0.67
13	13±0.8	19.8±0.8	21.8±1	40	50	100	180	0.83
16	16±0.8	23.2±0.8	25.2±1	34	44	88	205	0.94
19	19±0.8	26.2±0.8	28.2±1	34	36	64	240	1.1
22	22±1	30±0.8	33±1	18	28	56	280	1.3
25	25±1	33.4±0.8	36.4±1	16	28	56	300	1.45
32	32±1	41±0.8	45±1	16	22	44	420	1.82
38	38±1	48±0.8	52±1	14	18	27	500	1.98
45	45±1	55±0.8	59±1	8	16	24	560	2.41
51	51±1	61±0.8	65±1	8	16	24	630	2.62
64	64±1.5	74±1.5	79±1.5	4	8	12	770	3.53
76	76±1.5	87±1.5	92±1.5	3	6	9	930	4.5
89	89±1.5	100±1.5	105±1.5	2.5	5	7.5	1100	4.95
102	102±1.5	115±1.5	120±1.5	3.5	7	10.5	1250	7.0
127	127±1.5	142±2	147±2	3.5	7	10.5	1400	9.5
152	152±1.5	168.5±2	172±2	2.5	5	7.5	1500	12

3W Steel Wire Braid Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外径 (Hose OD)	工作压 力 (Working Pressure)	试验压 力 (Testing Pressure)	爆破压力 (Burst Pressure)	最小弯 曲半径 (Minimum bend radius)	重量 (Weight)
	mm	mm	mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	14.4±0.8	16.4±1	70	105	145	140	0.63
8	8±0.8	16±0.8	18±1	60	90	130	160	0.72
10	10±0.8	18.4±0.8	20.4±1	55	60	120	180	0.85
13	13±0.8	21.4±0.8	23.4±1	36	54	108	240	1.07
16	16±0.8	24.8±0.8	26.8±1	36	48	96	300	1.25
19	19±0.8	28±0.8	30±1	36	40	80	330	1.45
22	22±1	31.7±0.8	34.7±1	20	30	60	380	1.65
25	25±1	34.7±0.8	37.2±1	18	30	60	400	1.89
32	32±1	43±0.8	47±1	18	27	54	450	2.35
38	38±1	50±0.8	54±1	15	22.5	45	500	2.58
45	45±1	57±0.8	61±1	12	18	36	580	3.02
51	51±1	63±0.8	67±1	12	18	36	630	3.29
64	64±1.5	76±1.5	81±1.5	5	10	15	790	4.42
76	76±1.5	89±1.5	94±1.5	4	8	12	960	5.56
89	89±1.5	102±1.5	107±1.5	3	6	10	1100	6.04
102	102±1.5	117±1.5	122±1.5	4.5	9	14	1280	8.5
127	127±1.5	145±2	150±2	3.5	7	12.8	1400	11.48
152	152±1.5	171±2	176±2	2.5	5	10	1500	14.34

Multispiral Hydraulic Hose (GB/T10544—2003)

Construction: this hose shall consist of an inner tube of oil resistant synthetic rubber, four spiral plies of steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

Applications: this section covers hose for use with petroleum

Temperature range: -40°C to 125°C.

2W Steel Wire Spiral Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外 径 (Hose OD)	工作压 力 (Working Pressure)	试验压 力 (Testing Pressure)	爆破压 力(Burst Pressure)	最小弯 曲半径 (Minimum bend radius)	重量 (Weight)
	mm	mm	Mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	12.4±0.8	16.4±1	25	50	100	130	0.4
8	8±0.8	14.4±0.8	18.4±1	20	40	80	145	0.65
10	10±0.8	18.2±0.8	21.5±1	18	36	72	160	0.85
13	13±0.8	20.2±0.8	23±1	15	30	60	210	1.0
16	16±0.8	24±0.8	27±1	14	28	56	260	1.4
19	19±0.8	28±0.8	31±1	12	24	48	280	1.8
22	22±1	30±0.8	33±1	10	20	40	320	2.0
25	25±1	33±0.8	36±1	10	20	40	360	2.2
32	32±1	42±0.8	45±1	9	18	36	460	2.9
38	38±1	48±0.8	51±1	8	16	32	560	3.8
45	45±1	54±0.8	58±1	8	16	32	660	4.4
51	51±1	60±0.8	64±1	8	16	32	720	5.6
64	64±1.5	74±1.5	78±1.5	8	16	32	1100	6.0
76	76±1.5	94±2	98±2	15	30	60	1200	13.5
89	89±1.5	108±2	114±2	12	24	48	1300	16
102	102±1.5	120±2	128±2	10	20	40	1500	19

4W Steel Wire Spiral Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外 径 (Hose OD)	工作压 力 (Working Pressure)	试验压 力 (Testing Pressure)	爆破压 力(Burst Pressure)	最小弯 曲半径 (Minimum bend radius)	重量 (Weight)
	mm	mm	Mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	14.4±0.8	18.4±1	100	120	210	130	0.65
8	8±0.8	16.4±0.8	20.4±1	80	100	210	145	0.85
10	10±0.8	20.2±0.8	23.5±1	70	100	210	160	1.03
13	13±0.8	22.2±0.8	25±1	60	100	180	210	1.21
16	16±0.8	26±0.8	29±1	55	100	165	260	1.72
19	19±0.8	30±0.8	33±1	46	69	140	280	2.08
22	22±1	33±0.8	36±1	35	60	120	320	2.39
25	25±1	36±0.8	39±1	35	55	112	360	2.51
32	32±1	44±0.8	47±1	32	48	96	460	3.12
38	38±1	50±0.8	53±1	25	40	75	560	4.31
45	45±1	57±0.8	60±1	35	45	90	660	5.4
51	51±1	64.5±0.8	68.5±1	35	45	88	720	6.1
64	64±1.5	78±1.5	82±1.5	35	40	88	1100	6.51
76	76±1.5	102±2	111±2	35	70	88	1200	16.6
89	89±1.5	116±2	123±2	35	70	80	1300	21.1
102	102±1.5	128±2	136±2	35	60	80	1500	24.7

6W Steel Wire Spiral Hydraulic Hose

规格 DN	内径 (Hose ID)	钢丝层外径 (Wire OD)	胶管外 径 (Hose OD)	工作压 力 (Working Pressure)	试验压 力 (Testing Pressure)	爆破压 力(Burst Pressure)	最小弯 曲半径 (Minimum bend radius)	重量 (Weight)
	mm	mm	Mm	Mpa	Mpa	Mpa	mm	Kg
6.3	6.3±0.8	164±0.8	20.4±1	110	120	220	130	0.85
8	8±0.8	18.4±0.8	22.4±1	90	100	220	145	1.05
10	10±0.8	22.2±0.8	25.5±1	80	100	220	160	1.25
13	13±0.8	24.2±0.8	27±1	70	100	200	210	1.5
16	16±0.8	28±0.8	31±1	60	100	180	260	2.0
19	19±0.8	33±0.8	36±1	50	69	150	280	2.3
22	22±1	36±0.8	39±1	40	60	130	320	2.6
25	25±1	39±0.8	42±1	40	55	120	360	3.1
32	32±1	47±0.8	50±1	35	50	100	460	3.9
38	38±1	53±0.8	56±1	30	40	80	560	5.1
45	45±1	60±0.8	63±1	40	45	95	660	6.2
51	51±1	68.5±0.8	72.5±1	40	45	90	720	7.5
64	64±1.5	82±1.5	86±1.5	40	40	90	1100	9.2
76	76±1.5	110±2	116±2	40	70	90	1200	20.5
89	89±1.5	124±2	130±2	40	70	85	1300	26.5
102	102±1.5	136±2	142±2	40	60	85	1500	29.9

Wire Braided Steam Hose

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Construction: made of excellent heat—resistant rubber. The reinforcement is braided with copper facing wire.

Applications: for conveying saturated steam and superheated water continually at a temperature below 150°C or intermittently at a temperature below 160°C.

胶管内径 (hose ID)		增强层外径 (Wire OD)	胶管外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力 (Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	Mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
1/4	6.4	12	16	1	145	4	580	100	0.35
5/16	7.9	14	18	1	145	4	580	115	0.4
3/8	9.5	16	20	1	145	4	580	125	0.5
1/2	12.7	19	23	1	145	4	580	180	0.55
5/8	15.9	22	26	1	145	4	580	205	0.65
3/4	19.0	25	29	1	145	4	580	240	0.75
7/8	22.2	29	33	1	145	4	580	280	0.9
1	25.4	32	36	1	145	4	580	300	1.1
1-1/4	31.8	40	44	1	145	4	580	420	1.3
1-1/2	38.1	46	50	1	145	4	580	500	1.5
2	50.8	59	63	1	145	4	580	630	2.0

Wire Braid Hydraulic Hose (Liquefied gas)

TUBE: oil resistant synthetic rubber**Reinforcement:** one high tensile steel wire braid**Cover:** abrasion and weather resistant synthetic rubber**Temperature range:** -40°C to 100°C.

胶管内径 (hose ID)		增强层 外径 (Wire OD)	胶管 外径 (Hose OD)	工作压力 (Working Pressure)		爆破压力(Burst Pressure)		弯曲半径 (Minimum bend radius)	重量 (Weight)
inch	mm	mm	Mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
3/8	9.5	18	22	28	4060	112	16240	125	1.2
1/2	12.7	21	25	25	3625	100	14500	180	1.4
5/8	15.9	24	28	20	2900	80	11600	205	1.6
3/4	19.0	27	31	16	2320	64	9280	240	2.0
7/8	22.2	30	34	14	2030	56	8120	280	2.4
1	25.4	34	38	14	2030	56	8120	300	3.0
1-1/4	31.8	39	44	11	1595	44	6380	420	3.6
1-1/2	38.1	47	51	9	1305	36	5220	500	4
2	50.8	63	67	8	1160	32	4640	630	5.5