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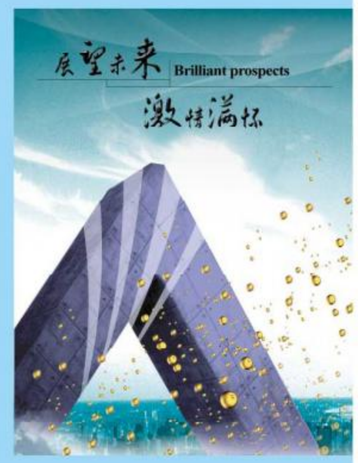
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河北亚科橡塑制品有限公司

Hebei Yake Rubber & Plastic Products Co., Ltd





Established in 2017, Hebei Yake Rubber & Plastic Products Co., Ltd. is located in Fotai, Duqiao Town, Jing County, Hengshui City, Hebei Province. Spanning an area of nearly 105 mu (approx. 7 hectares), the company is a private, technology-driven enterprise specializing in the production of high- and low-pressure rubber hoses and hose assemblies.

The company features standardized production workshops, finished-product storage areas, and product testing laboratories. It is equipped with a comprehensive suite of production and testing machinery—including systems for extrusion, wire braiding, spiral winding, hose assembly crimping, and pressure testing—supported by a stable and experienced production team. Manufacturing is conducted in strict accordance with national standards (GB/T, MT/T) and German DIN industrial standards. The company's core product portfolio includes high-pressure hydraulic hose assemblies, borehole-sealing hoses for mining, drilling hoses, hoses for filter presses, and various types of hydraulic fittings.

The company has obtained ISO 9001:2015 Quality Management System certification, ISO 14001:2015 Environmental Management System certification, and ISO 45001:2018 Occupational Health and Safety Management System certification. Additionally, it holds safety certification (safety marks) for products intended for use in the mining industry.

企业资质 Enterprise qualification









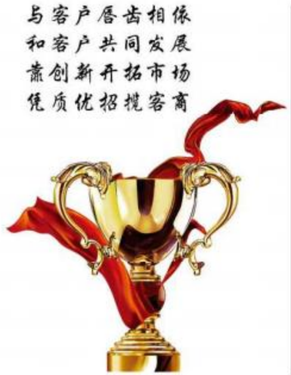








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企业资质 Enterprise qualification



































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企业资质 Enterprise qualification

















生产设备
Equipment







生产设备
Equipment






检验设备

Test Equipment

















SAE100 R1AT EN853 1SN

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：胶管由内胶层、一层钢丝编织层和外胶层组成。
用途：适于输送液压流体、液压油、燃油、润滑油、乳化液、乙二醇水溶液及水等。
工作温度：-40℃~ +100℃
CONSTRUCTION: This hose is composed of an inner tube of oil synthetic rubber，a single wire braided reinforcement，and an oil and weather resistant synthetic rubber cover.
APPLICATIONS：It is suitable to carry hydraulic fluids, such as hydraulic oil, fuel oil, lubricants, emulsion, glycol and water, etc.
WORKING TEMPERATURE: from-40℃ up to+100℃



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.6	5.4	9.0	10.0	11.1	13	25.0	3625	250	50.0	7250	500	100.0	14500	1000	3.35	85	0.20
6.3	1/4	6.2	7.0	10.6	11.6	12.7	14	22.5	3262	225	45.0	6524	450	90.0	13050	900	3.94	100	0.25
8	5/16	7.7	8.5	12.1	13.3	14.3	16	21.5	3117	215	43.0	6234	430	86.0	12470	860	4.53	115	0.31
10	3/8	9.3	10.1	14.5	15.7	16.7	18	18.0	2610	180	36.0	5220	360	72.0	10440	720	5.12	130	0.36
12.5	1/2	12.3	13.5	17.5	19.1	19.8	21	16.0	2320	160	32.0	4640	320	64.0	9280	640	7.09	180	0.45
16	5/8	15.5	16.7	20.6	22.2	22.9	25	13.0	1885	130	26.0	3770	260	52.0	7540	520	7.87	200	0.52
19	3/4	18.6	19.8	24.6	26.2	26.9	29	10.5	1522	105	21.0	3044	210	42.0	6090	420	9.45	240	0.65
25	1	25.0	26.4	32.5	34.1	34.6	37	8.8	1276	88	17.6	2552	176	35.2	5104	352	11.81	300	0.91
31.5	1-1/4	31.4	33.0	39.3	41.7	42.2	45	6.3	913	63	12.6	1826	126	25.2	3654	252	16.54	420	1.30
38	1-1/2	37.7	39.3	45.6	48.0	49.1	52	5.0	725	50	10.0	1450	100	20.0	2900	200	19.69	500	1.70
51	2	50.4	52.0	58.7	61.7	62.5	66	4.0	580	40	8.0	1160	80	16.0	2320	160	24.80	630	2.00

SAE100 R2AT EN853 2SN

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：胶管由内胶层、两层钢丝编织层和外胶层组成。
用途：适于输送液压流体、液压油 、燃油、润滑油、乳化液、乙二醇水溶液及水等。
工作温度：-40℃~ +100℃
CONSTRUCTION: This hose is composed of an inner tube of oil synthetic rubber，two wire braided reinforcements，and an oil and weather resistant synthetic rubber cover.
APPLICATIONS： It is suitable to carry hydraulic fluids, such as hydraulic oil, fuel oil, lubricants, emulsion, glycol and water, etc.
WORKING TEMPERATURE：from-40℃ up to+100℃



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.6	5.4	10.6	11.6	12.7	14	41.5	6018	415	83.0	12035	830	166.0	24070	1660	3.54	90	0.32
6.3	1/4	6.2	7.0	12.1	13.3	14.3	16	40.0	5800	400	80.0	11600	800	160.0	23200	1600	3.94	100	0.36
8	5/16	7.7	8.5	13.7	14.9	15.9	17	35.0	5075	350	70.0	10150	700	140.0	20300	1400	4.53	115	0.45
10	3/8	9.3	10.1	16.1	17.3	18.3	20	33.0	4785	330	66.0	9570	660	132.0	19140	1320	5.12	130	0.68
12.5	1/2	12.3	13.5	19.0	20.6	21.4	23	27.5	3988	275	55.0	7975	550	110.0	15950	1100	7.09	180	0.80
16	5/8	15.5	16.7	22.2	23.8	24.6	26	25.0	3625	250	50.0	7250	500	100.0	14500	1000	7.87	200	0.94
19	3/4	18.6	19.8	26.2	27.8	28.5	30	21.5	3118	215	43.0	6235	430	86.0	12470	860	9.45	240	1.20
25	1	25.0	26.4	34.1	35.7	37.3	39	16.5	2392	165	33.0	4785	330	66.0	9570	660	11.81	300	1.35
31.5	1-1/4	31.4	33.0	43.3	45.7	47.1	50	12.5	1812	125	25.0	3625	250	50.0	7250	500	16.54	420	2.15
38	1-1/2	37.7	39.3	49.6	52.0	53.3	56	9.0	1305	90	18.0	2610	180	36.0	5220	360	19.69	500	2.65
51	2	50.4	52.0	62.3	64.7	66.0	69	8.0	1160	80	16.0	2320	160	32.0	4640	320	24.80	630	3.42

SAE100 R1A/DIN EN 853 1ST

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：胶管由内胶层、一层钢丝编织层和外胶层组成。
用途：适于输送液压流体、液压油 、燃油、润滑油、乳化液、乙二醇水溶液及水等。
工作温度：-40℃~ +100℃

CONSTRUCTION：This hose is composed of an inner tube of oil synthetic rubber，a single wire braided reinforcement， and an oil and weather resistant synthetic rubber cover.

APPLICATIONS： It is suitable to carry hydraulic fluids, such as hydraulic oil, fuel oil, lubricants, emulsion, glycol and water, etc.

WORKING TEMPERATURE：from-40℃ up to+100℃



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大	最小	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
mm	Inch	Min	Max	Min	Max	Min	Max												
5	3/16	4.6	5.4	8.9	10.1	11.9	13.5	20.7	3001	207	41.4	6003	414	82.8	12006	828	3.50	89	0.22
6.3	1/4	6.2	7.0	10.6	11.7	15.1	16.7	18.9	2740	189	37.8	5481	378	75.6	10962	756	4.02	102	0.31
8	5/16	7.7	8.5	12.1	13.3	16.7	18.3	17.2	2494	172	34.4	4988	344	68.8	9976	688	4.49	114	0.38
10	3/8	9.3	10.1	14.5	15.7	19.0	20.6	15.5	2247	155	31.0	4495	310	62.0	8990	620	5.00	127	0.45
12.5	1/2	12.3	13.5	17.5	19.0	22.2	23.8	13.8	2001	138	27.6	4002	276	55.2	8004	552	7.01	178	0.55
16	5/8	15.5	16.7	20.6	22.2	25.4	27.0	10.3	1493	103	20.6	2987	206	41.2	5974	412	7.99	203	0.63
19	3/4	18.6	19.8	24.6	26.2	29.4	31.0	8.6	1247	86	17.2	2494	172	34.4	4988	344	9.49	241	0.77
25	1	25.0	26.4	32.5	34.1	36.9	39.3	6.9	1000	69	13.8	2000	138	27.6	4002	276	12.01	305	1.06
31.5	1-1/4	31.4	33.0	39.3	41.7	44.4	47.6	4.3	623	43	8.6	1247	86	17.2	2494	172	16.50	419	1.45
38	1-1/2	37.7	39.3	45.6	48.0	50.8	54.0	3.4	493	34	6.8	986	68	13.6	1972	136	20.00	508	1.80
51	2	50.4	52.0	58.7	61.9	65.1	68.3	2.6	377	26	5.2	754	52	10.4	1508	104	25.00	635	2.30

SAE100 R2A/DIN EN 853 2ST

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：胶管由内胶层、两层钢丝编织层和外胶层组成。
用途：适于输送液压流体、液压油 、燃油、润滑油、乳化液、乙二醇水溶液及水等。
工作温度：-40℃~ +100℃

CONSTRUCTION：This hose is composed of an inner tube of oil synthetic rubber，two wire braided reinforcements， and an oil and weather resistant synthetic rubber cover.

APPLICATIONS： It is suitable to carry hydraulic fluids, such as hydraulic oil, fuel oil, lubricants, emulsion, glycol and water, etc.

WORKING TEMPERATURE：from-40℃ up to+100℃



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大	最小	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
mm	Inch	Min	Max	Min	Max	Min	Max												
5	3/16	4.6	5.4	10.6	11.7	15.1	16.7	34.5	5000	345	69.0	10000	690	138.0	20000	1380	3.50	89	0.37
6.3	1/4	6.2	7.0	12.1	13.3	16.7	18.3	34.5	5000	345	69.0	10000	690	138.0	20000	1380	4.02	102	0.42
8	5/16	7.7	8.5	13.7	14.9	18.3	19.8	29.3	4248	293	58.6	8497	586	117.2	16994	1172	4.49	114	0.51
10	3/8	9.3	10.1	16.1	17.3	20.6	22.2	27.6	4002	276	55.2	8004	552	110.4	15979	1104	5.00	127	0.60
12.5	1/2	12.3	13.5	19.0	20.6	23.8	25.4	24.1	3494	241	48.2	6989	482	96.4	13978	964	7.01	178	0.74
16	5/8	15.5	16.7	22.2	23.8	27.0	28.6	18.9	2740	189	37.8	5480	378	75.6	10962	756	7.99	203	0.86
19	3/4	18.6	19.8	26.2	27.8	31.0	32.5	15.5	2247	155	31.0	4495	310	62.0	8990	620	9.49	241	1.04
25	1	25.0	26.4	34.1	35.7	38.5	40.9	13.8	2001	138	27.6	4002	276	55.2	8004	552	12.01	305	1.42
31.5	1-1/4	31.4	33.0	43.2	45.6	49.2	52.4	11.2	1624	112	22.4	3248	224	44.8	6496	448	16.50	419	2.23
38	1-1/2	37.7	39.3	49.6	52.0	55.6	58.7	8.6	1247	86	17.2	2494	172	34.4	4988	344	20.00	508	2.74
51	2	50.4	52.0	62.3	64.7	68.3	71.4	7.8	1131	78	15.6	2262	156	31.2	4524	312	25.00	635	3.5

EN857-1SC

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：软管由一层耐油合成橡胶内胶层，一层钢丝编织增强层和一层耐油耐候合成橡胶外胶层组成。
用途：适用于使用石油基液压油， 温度范围为 -40℃~ +100℃的软管。

CONSTRUCTION：This hose is composed 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 hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +100℃ .



公制规格 Size	英制规格 Size	内径 I.D		增强层直径 W.D		外径 O.D	最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
mm	Inch	Min	Max	Min	Max	Max												
6.3	1/4	6.1	6.9	9.6	10.8	13.5	22.5	3260	225	45	6525	450	90	13050	900	2.95	75	0.13
8	5/16	7.7	8.5	10.9	12.1	14.5	21.5	3120	215	43	6235	430	86	12470	860	3.35	85	0.15
10	3/8	9.3	10.1	12.7	14.5	16.9	18	2610	180	36	5220	360	72	10440	720	3.54	90	0.19
12.5	1/2	12.3	13.5	15.9	18.1	20.4	16	2320	160	32	4640	320	64	9280	640	5.12	130	0.23
16	5/8	15.5	16.7	19.8	21.0	23.0	13	1885	130	26	3770	260	52	7540	520	5.91	150	0.29
19	3/4	18.6	19.8	23.2	24.4	26.7	10.5	1520	105	21	3045	210	42	6090	420	7.09	180	0.34
25	1	25.0	26.4	30.7	31.9	34.9	8.8	1280	88	17.6	2550	176	35.2	5100	352	9.06	230	0.49

EN857-2SC

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：软管由一层耐油合成橡胶内胶层，两层钢丝编织增强层和一层耐油耐候合成橡胶外胶层组成。
用途：适用于使用石油基液压油， 温度范围为 -40℃~ +100℃的软管。

CONSTRUCTION：This hose is composed of an inner tube of oil resistant synthetic rubber, two braids of steel wire reinforcement, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS: This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +100℃ .



公制规格 Size	英制规格 Size	内径 I.D		增强层直径 W.D		外径 O.D	最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
mm	Inch	Min	Max	Min	Max	Max												
6.3	1/4	6.1	6.9	10.6	11.7	14.2	40	5800	400	80	11600	800	160	23200	1600	2.95	75	0.30
8	5/16	7.7	8.5	12.1	13.3	16.0	35	5075	350	70	10150	700	140	20300	1400	3.35	85	0.34
10	3/8	9.3	10.1	14.4	15.6	18.3	33	4785	330	66	9570	660	132	19140	1320	3.54	90	0.42
12.5	1/2	12.3	13.5	17.5	19.1	21.5	27.5	3990	275	55	7975	550	110	15950	1100	5.12	130	0.54
16	5/8	15.5	16.7	20.5	22.3	24.7	25	3625	250	50	7250	500	100	14500	1000	6.69	170	0.68
19	3/4	18.6	19.8	24.6	26.4	28.6	21.5	3120	215	43	6235	430	86	12470	860	7.87	200	0.80
25	1	25.0	26.4	32.5	34.3	36.6	16.5	2390	165	33	4785	330	66	9570	660	9.84	250	1.15

SAE100 R16

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：胶管由内胶层、两层钢丝编织层和外胶层组成。
用途：适于输送液压流体、液压油、燃油、润滑油、乳化液、乙二醇水溶液及水等。
工作温度：-40℃~ +100℃

CONSTRUCTION: This hose is composed of an inner tube of oil synthetic rubber, two wire braided reinforcements, and an oil and weather resistant synthetic rubber cover.
APPLICATIONS: It is suitable to carry hydraulic fluids, such as hydraulic oil, fuel oil, lubricants, emulsion, glycol and water, etc.
WORKING TEMPERATURE: from-40℃ up to+100℃



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD	外径 Hose OD	外胶层厚度 M.D		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最大	最大	最小	最大												
mm	Inch	Min	Max	Max	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
6.3	1/4	6.2	7.0	12.3	14.5	0.8	1.5	35	5075	350	70	10150	700	140	20300	1400	1.97	50	0.30
8	5/16	7.7	8.5	13.3	15.7	0.8	1.5	29.7	4305	297	59.5	8625	595	119	17255	1190	2.17	55	0.34
10	3/8	9.3	10.1	15.9	18.8	0.8	1.5	28	4060	280	56	8120	560	112	16240	1120	2.56	65	0.42
12.5	1/2	12.3	13.5	19.0	22.0	0.8	1.5	24.5	3550	245	49	7105	490	98	14210	980	3.54	90	0.54
16	5/8	15.5	16.7	22.5	25.4	0.8	1.5	19.2	2780	192	38.5	5580	385	77	11165	770	3.94	100	0.68
19	3/4	18.6	19.8	26.3	29.0	0.8	1.5	15.7	2275	157	31.5	4565	315	63	9135	630	4.72	120	0.80
25	1	25.0	26.4	34.0	36.6	0.8	1.5	14	2030	140	28	4060	280	56	8120	560	5.91	150	1.15
31.5	1-1/4	31.4	33.0	41.9	44.3	1.0	2.0	11.3	1635	113	22.7	3290	227	45.5	6595	455	8.27	210	1.83

SAE100 R17

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

结构：软管由一层耐油合成橡胶内胶层，按软管设计（一或二编织层）的钢丝增强层和一层耐油和耐候的合成橡胶外胶层组成。
用途：适用于使用石油基液压油，温度范围为 -40℃~ +100℃的软管。

CONSTRUCTION: This hose is composed 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.
APPLICATIONS: This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +100℃



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD	外径 Hose OD	工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最大	最大												
mm	Inch	Min	Max	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
6.3	1/4	6.2	7.0	11.0	13.2	21	3045	210	42	6090	420	84	12180	840	1.97	50	0.169
8	5/16	7.7	8.5	13.0	15.0	21	3045	210	42	6090	420	84	12180	840	2.17	55	0.210
10	3/8	9.3	10.1	15.0	17.0	21	3045	210	42	6090	420	84	12180	840	2.56	65	0.254
12.5	1/2	12.3	13.5	18.8	21.1	21	3045	210	42	6090	420	84	12180	840	3.54	90	0.466
16	5/8	15.5	16.7	23.6	25.9	21	3045	210	42	6090	420	84	12180	840	3.94	105	0.586
19	3/4	18.6	19.8	27.7	30.3	21	3045	210	42	6090	420	84	12180	840	4.72	125	0.749
25	1	25.0	26.4	35.6	38.6	21	3045	210	42	6090	420	84	12180	840	5.91	150	1.457

SAE100 R9

高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose

结构：软管由一层耐油合成橡胶内胶层，四层交替方向的钢丝缠绕层和一层耐油耐候合成橡胶外胶层组成。
用途：适用于使用石油基液压油，温度范围为 -40℃~ +120℃的软管。

CONSTRUCTION: This hose is composed 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 hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +120℃ .



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD			工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大	A 型		AT 型												
mm	Inch	Min	Max	Min	Max	Min	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
10	3/8	9.3	10.1	16.9	18.0	20.6	22.2	21.1	31.5	4570	315	63	9135	630	126	18270	1260	4.92	125	0.70
12.5	1/2	12.3	13.5	19.4	21.0	23.8	25.4	24.3	28	4060	280	56	8120	560	112	16240	1120	7.09	180	0.83
19	3/4	18.6	19.8	26.6	28.2	30.6	32.2	31.9	21	3045	210	42	6090	420	84	12180	840	9.45	240	1.30
25	1	25.0	26.4	34.5	36.1	38.5	40.9	40.5	21	3045	210	42	6090	420	84	12180	840	11.81	300	1.70
31.5	1-1/4	31.4	33.0	43.3	45.6	49.2	52.4	50.7	17.5	2540	175	35	5075	350	70	10150	700	16.54	420	3.08
38	1-1/2	37.7	39.3	49.6	52.0	55.6	58.7	—	14	2030	140	28	4060	280	56	8120	560	19.69	500	4.30
51	2	50.4	52.0	63.9	66.2	69.9	73.0	—	14	2030	140	28	4060	280	56	8120	560	25.98	660	5.63

SAE100 R10

重型四层缠绕钢丝增强橡胶液压软管

Heavy duty, four spiral steel wire reinforced, rubber covered hydraulic hose

结构：软管由一层耐油合成橡胶内胶层，四层交替方向的粗钢丝缠绕层和一层耐油和耐候的合成橡胶外层组成。
用途：适用于使用石油基液压油，温度范围为 -40℃~ +120℃的软管。

CONSTRUCTION: This hose is composed of an inner tube of oil resistant synthetic rubber, four spiral plies of heavy steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.
APPLICATIONS: This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +120℃ .



公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
10	3/8	9.3	10.1	19	20.6	23	24.6	52.5	7612	525	105	15225	1050	210	30450	2100	5.91	150	0.82
12.5	1/2	12.5	13.7	23	24.6	27	28.6	43.5	6307	435	87	12615	870	175	25375	1750	7.87	200	0.96
19	3/4	19	20.2	30.9	32.5	35.7	37.3	35	5075	350	70	10150	700	140	20300	1400	11.02	280	1.65
25	1	25.4	27	38.9	40.5	43.3	45.6	28	4060	280	56	8120	560	112	16240	1120	14.17	360	2.30
31.5	1-1/4	31.8	33.4	44.8	47.2	49.2	52.4	21	3045	210	42	6090	420	84	12180	840	18.11	460	3.25
38	1-1/2	38.1	39.7	51.1	53.6	55.6	58.7	17.5	2537	175	35	5075	350	70	10150	700	22.05	560	3.95
51	2	50.8	52.6	64.6	67.1	69.1	72.1	17.5	2537	175	35	5075	350	70	10150	700	27.95	710	4.95

SAE100 R12

高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose



结构：软管由一层耐油合成橡胶内胶层，四层交替方向的钢丝缠绕层和一层耐油耐候合成橡胶外胶层组成。

用途：适用于使用石油基液压油，温度范围为 -40℃~ +120℃的软管。

CONSTRUCTION：This hose is composed 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 hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +120℃ .

公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD A 型		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大														
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
10	3/8	9.3	10.1	16.6	17.8	19.5	21.0	27.6	4002	276	55.2	8004	552	110.4	16008	1104	5.00	127	0.70
12.5	1/2	12.3	13.5	19.9	21.5	23.0	24.6	27.6	4002	276	55.2	8004	552	110.4	16008	1104	7.01	178	0.83
16	5/8	15.5	16.7	23.8	25.4	26.6	28.2	27.6	4002	276	55.2	8004	552	110.4	16008	1104	7.99	203	1.12
19	3/4	18.6	19.8	26.9	28.5	29.9	31.5	27.6	4002	276	55.2	8004	552	110.4	16008	1104	9.49	241	1.43
25	1	25.0	26.4	34.1	35.7	36.8	39.2	27.6	4002	276	55.2	8004	552	110.4	16008	1104	12.01	305	2.00
31.5	1-1/4	31.4	33.0	42.7	45.1	45.4	48.6	20.7	3002	207	41.4	6003	414	82.8	12006	828	16.50	419	2.80
38	1-1/2	37.7	39.3	49.2	51.6	51.9	55.0	17.2	2494	172	34.4	4988	344	68.8	9976	688	20.00	508	3.40
51	2	50.4	52.0	62.5	64.8	65.1	68.3	17.2	2494	172	34.4	4988	344	68.8	9976	688	25.00	635	4.25

SAE100 R13

高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose



结构：软管由一层耐油合成胶内胶层，六层粗钢丝缠绕层和一层耐油耐候合成橡胶外胶层组成。

用途：适用于使用石油基液压油、醇，温度范围为 -40℃~ +120℃的软管。

CONSTRUCTION：This hose is composed of an inner tube of oil resistant synthetic rubber, six spiral plies of heavy steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS： This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +120℃ .

公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD		外径 Hose OD A 型		工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最小	最大														
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
12.5	1/2	12.7	13.5	22.2	23.8	26.2	27.8	52	7540	520	104	15080	1040	208	30160	2080	8.07	205	1.25
19	3/4	18.6	19.8	28.2	29.8	31.0	33.2	35	5075	350	70	10150	700	140	20300	1400	9.45	240	2.10
25	1	25.0	26.4	34.9	36.4	37.6	39.8	35	5075	350	70	10150	700	140	20300	1400	11.81	300	2.88
31.5	1-1/4	31.4	33.0	45.6	48.0	48.3	51.3	35	5075	350	70	10150	700	140	20300	1400	16.54	420	4.20
38	1-1/2	37.7	39.3	53.1	55.5	55.8	58.8	35	5075	350	70	10150	700	140	20300	1400	19.69	500	5.00
51	2	50.4	52.0	66.9	69.3	69.5	72.7	35	5075	350	70	10150	700	140	20300	1400	25.19	640	7.00

SAE100 R15

重型高脉冲多层钢丝增强橡胶液压软管

Heavy duty,high impulse, multiple spiral steel wire reinforced, rubber covered hydraulic hose



结构：软管由一层耐油合成橡胶内胶层，多层交替方向粗钢丝缠绕层和一层耐候合成橡胶层组成。

用途：适用于使用石油基液压油，温度范围为 -40℃~ +120℃的软管。

CONSTRUCTION：This hose is composed 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.

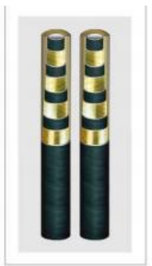
APPLICATIONS： This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +120℃

公制规格 Size	英制规格 Size	内径 Hose ID		增强层外径 Wire OD	外径 Hose OD A 型	工作压力 Working Pressure			试验压力 Proof pressure			爆破压力 Burst Pressure			弯曲半径 Minimum Bend Radius		重量 Weight
		最小	最大	最大	最大												
mm	Inch	Min	Max	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
10	3/8	9.3	10.1	20.3	23.3	42	6090	420	84	12180	840	168	24360	1680	5.91	150	0.80
12.5	1/2	12.3	13.5	24.0	26.8	42	6090	420	84	12180	840	168	24360	1680	7.87	200	0.95
16	5/8	15.5	16.7	28.2	31.0	42	6090	420	84	12180	840	168	24360	1680	9.45	240	1.50
19	3/4	18.6	19.8	32.9	36.1	42	6090	420	84	12180	840	168	24360	1680	10.43	265	1.85
25	1	25.0	26.4	38.9	42.9	42	6090	420	84	12180	840	168	24360	1680	12.99	330	2.90
31.5	1-1/4	31.4	33.0	48.4	51.5	42	6090	420	84	12180	840	168	24360	1680	17.52	445	4.20
38	1-1/2	37.7	39.3	56.3	69.6	42	6090	420	84	12180	840	168	24360	1680	20.87	530	5.60
51	2	50.4	52.0	70.2	74.1	42	6090	420	84	12180	840	168	24360	1680	25.98	660	7.0

EN856-4SH

高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose



结构： 软管由一层耐油合成橡胶内胶层、四层交叉方向的钢丝缠绕层和一层耐油耐候合成橡胶外胶层组成。

用途： 适用于使用石油基液压油，温度范围为 -40℃~ +120℃的软管。

CONSTRUCTION：This hose is composed 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 hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +120℃

公制规格 Size	英制规格 Size	内径 I.D		增强层直径 W.D		外径 O.D A 型		最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
19	3/4	18.6	19.8	27.6	29.2	31.4	33.0	42	6090	420	84	12180	840	168	24360	1680	11.02	280	1.70
25	1	25.0	26.4	34.4	36.0	37.5	39.9	38	5510	380	76	11020	760	152	22040	1520	13.39	340	2.50
31.5	1-1/4	31.4	33.0	40.9	42.9	43.9	47.1	32.5	4712	325	65	9425	650	130	18850	1300	18.11	460	3.00
38	1-1/2	37.7	39.3	47.8	49.8	51.9	55.1	29	4205	290	58	8410	580	116	16820	1160	22.05	560	3.60
51	2	50.4	52.0	62.2	64.2	66.5	69.7	25	3625	250	50	7250	500	100	14500	1000	27.56	700	5.00

高压钢丝缠绕液压胶管

High Pressure Multispiral Hydraulic Hose

EN 856 4SP

结构：软管由一层耐油合成橡胶内胶层、四层交叉方向的钢丝缠绕层和一层耐油耐候合成橡胶外胶层组成。

用途：适用于使用石油基液压油，温度范围为 -40℃~ +120℃的软管。



CONSTRUCTION: This hose is composed 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 hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +120℃

通径 DN	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
mm	inch	mm	mm	mm	Mpa	Psi	Mpa	Psi	mm	Kg/m
10	3/8	9.5	17.5	21.4	44.5	6450	180	26000	180	0.78
13	1/2	12.7	20.2	24.0	41.5	6000	166	24000	230	0.89
16	5/8	15.9	23.8	28.2	35.0	5000	140	20000	250	1.11
19	3/4	19.0	28.2	32.2	35.0	5000	140	20000	300	1.59
25	1	25.4	35.5	39.7	28.0	4000	112	16000	340	2.02
32	1-1/4	31.8	46.0	50.8	21.0	3000	84	12000	460	3.32
38	1-1/2	38.1	52.4	57.7	18.5	2700	74	10800	560	3.7
51	2	50.8	65.3	69.6	16.5	2400	66	9600	660	5.47

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose



结　　构：胶管由耐油性能的内胶层、一层钢丝编织层和耐天候的外胶层组成。

用　　途：适于输送液压流体如醇、液压油、燃油、润滑油、乳化液、烃等。

工作温度：-40℃~ +100℃

CONSTRUCTION:
This hose consists of an inner tube of oil synthetic rubber,a single wire braid reinforcement,and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:
Hose range suitable to carry hydraulic fluids such as glycol,mineral oils,fuels，lubricantion,emulsion,hydrocarbons etc.

WORKING TEMPERATURE:
from -40℃ up to +100℃

执行标准：GB/T3683-2023

公称内径 DN	胶管内径 Hose ID		增强层外径 Wire OD		胶管外径 Hose OD mm	工作压力 Working Pressure		爆破压力 Burst Pressure		弯曲半径 Minimun Bend Radius	参考重量 Weight
	最小	最大	最小	最大	最大						
mm	Min	Max	Min	Max	Max	Mpa	Psi	Mpa	Psi	mm	Kg/m
5	4.6	5.4	8.9	10.1	12.5	25.0	3625	100	14500	90	0.25
6.3	6.1	7.0	10.6	11.7	14.1	22.5	3262.5	90	13050	100	0.33
8	7.7	8.5	12.1	13.3	15.7	21.5	3117.5	86	12470	115	0.41
10	9.3	10.1	14.5	15.7	18.1	18.0	2610	72	10440	130	0.45
12.5	12.3	13.5	17.5	19.1	21.5	16.0	2320	64	9280	180	0.56
16	15.5	16.7	20.6	22.2	24.7	13.0	1885	52	7540	200	0.64
19	18.6	19.8	24.6	26.2	28.6	10.5	1522.5	42	6090	240	0.75
22	21.8	23.0	28.2	29.8	32.7	9	1305	36	5220	280	0.84
25	25.0	26.4	32.5	34.1	36.6	8.7	1261.5	36	5220	300	0.95
31.5	31.4	33.0	39.3	41.7	44.8	6.2	899	26	3770	420	1.17
38	37.7	39.3	45.6	48.0	52.1	5.0	725	20	2900	500	1.35
45	44.3	45.7	51.4	53.0	59.2	5.0	725	20	2900	550	1.65
51	50.4	52.0	58.7	61.9	65.9	4.0	580	16	2320	630	1.9
63	63.1	65.1	70.8	73.2	78.2	3.5	507.5	14	2030	760	2.4
76	75.5	77	83	84	88~89	3	435	12	1740	930	2.95
89	88.5	90	96	97	102	2.5	362.5	10	1450	1100	3.45
102	101.5	103	111	112	117	2	290	8	1160	1250	4.5
127	126.5	128	137	138	143	1	145	4	580	1500	5.75
152	151	153	161	162	165	1	145	4	580	2050	7.5
203	201	205	--		--	1	145	4	580	2500	8.8

注：1Mpa=10Bar=145Psi

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose



结　　构：胶管由耐油性能的内胶层、两层钢丝编织层和耐天候的外胶层组成。
用　　途：适于输送液压流体如醇、液压油、燃油、润滑油、乳化液、烃等。
工作温度：-40℃~ +100℃

CONSTRUCTION:
This hose consists of an inner tube of oil synthetic rubber,two singles wire braid reinforcements,and an oil and weather resistant synthetic rubber cover.
APPLICATIONS:
Hose range suitable to carry hydraulic fiuids such as glycol,mineral oils,fuels，lubricantion,emulsion,hydrocarbons etc.
WORKING TEMPERATURE:
from -40℃ up to +100℃

执行标准：GB/T3683-2023

通径 DN	胶管内径 Hose ID		增强层外径 Wire OD		胶管外径 Hose OD mm	工作压力 Working Pressure				爆破压力 Burst Pressure		弯曲半径 Minimun Bend Radius	参考重量 Weight
	最小	最大	最小	最大	最大	GB/Mpa	GB/Psi	QB/Mpa	QB/Psi	Mpa	Psi	mm	Kg/m
mm	Min	Max	Min	Max	Max								
5	4.6	5.4	10.6	11.7	14.1	41.5	6017	60	8700	166	24070	90	0.4
6.3	6.1	7.0	12.1	13.3	15.7	40	5800	60	8700	160	23200	100	0.45
8	7.7	8.5	13.7	14.9	17.3	35	5075	50	7250	140	20300	115	0.56
10	9.3	10.1	16.1	17.3	19.7	33	4785	53	7685	132	19140	130	0.63
12.5	12.3	13.5	19.0	20.6	23.1	27.5	3987	42	6090	110	15950	180	0.82
16	15.5	16.7	22.2	23.8	26.3	25	3625	40	5800	100	14500	200	0.92
19	18.6	19.8	26.2	27.8	30.2	21.5	3117	34	4930	86	12470	240	1.1
22	21.8	23.0	29.7	31.3	35.8	19	2755	23	3335	76	11020	280	1.22
25	25.0	26.4	34.1	35.7	38.9	16.5	2392	21	3045	66	9570	300	1.35
31.5	31.4	33.0	43.2	45.7	49.6	12.5	1812	15	2175	50	7250	420	1.54
38	37.7	39.3	49.5	52.0	56.0	9	1305	15	2175	36	5220	500	1.9
51	50.4	52.0	62.3	64.7	68.6	8	1160	12	1740	32	4640	630	2.45
63	63.1	65.1	74.6	77.8	81.8	7	1015	7	1015	28	4060	760	3.4
76	75.5	77	85	86	91	7	1015	7	1015	21	3045	930	3.8
89	88.5	90	98	99	104	5	725	5	725	15	2175	1100	4.5
102	101.5	103	113	114	119	4	580	5	725	15	2175	1250	5.3
127	126.5	128	139	140	145	3	435	4	580	10	1450	2000	7.32
152	151	153	163	164	169	2	290	5	725	12.5	1813	2050	8.28
203	201	205	215	217	221.5	1.5	217.5	1.5	217.5	3.5	507.5	2500	11

注：1Mpa=10Bar=145Psi

高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose



结　　构：胶管由耐油性能的内胶层、三层钢丝编织层和耐天候的外胶层组成。
用　　途：适于输送液压流体如醇、液压油、燃油、润滑油、乳化液、烃等。
工作温度：-40℃~ +100℃

CONSTRUCTION:
This hose consists of an inner tube of oil synthetic rubber,three singles wire braid reinforcements,and an oil and weather resistant synthetic rubber cover.
APPLICATIONS:
Hose range suitable to carry hydraulic fiuids such as glycol,mineral oils,fuels，lubricantion,emulsion,hydrocarbons etc.
WORKING TEMPERATURE:
from -40℃ up to +100℃

执行标准：GB/T3683-2023

通径 DN	胶管内径 Hose ID		增强层外径 Wire OD		胶管外径 Hose OD mm	工作压力 Working Pressure		爆破压力 Burst Pressure		弯曲半径 Minimun Bend Radius	参考重量 Weight
	最小	最大	最小	最大	最大	Mpa	Psi	Mpa	Psi	mm	Kg/m
mm	Min	Max	Min	Max	Max						
5	4.6	5.4	12.6	13.2	15.7	60	8700	240	34800	120	0.5
6.3	6.1	7.0	14.6	15.2	17.7	42	6090	168	24360	140	0.56
8	7.7	8.5	16.3	16.9	19.5	37	5365	148	21460	160	0.70
10	9.3	10.1	18.4	19	21.7	35	5075	140	20300	180	0.81
12.5	12.3	13.5	21.4	22	24.9	29.5	4277.5	118	17110	240	0.96
16	15.5	16.7	24.8	25.4	28.1	27	3915	108	15660	300	1.18
19	18.6	19.8	28.8	29.4	32.1	23.5	3407.5	94	13630	330	1.35
22	21.8	23.0	30.7	32.3	36.2	19	2755	76	11020	380	1.6
25	25.0	26.4	35.6	36.2	39.0	17.5	2537.5	70	10150	400	1.81
31.5	31.4	33.0	42.2	42.8	46.3	13.5	1957.5	54	7830	450	2.13
38	37.7	39.3	48.2	48.8	52.0	10.0	1450	40	5800	500	2.36
51	50.4	52.0	61.6	62.2	65.0	9.0	1305	36	5220	630	3.06
63	63.1	65.1	74.6	75.2	78.0	8.0	1160	32	4640	790	3.36
76	75.5	77	87	88	93	8.0	1160	24	3480	930	4.77
89	88.5	90	100	101	106	4.0	580	12	1740	1100	5.27
102	101.5	103	115	116	121	3.5	507.5	10.5	1522.5	1250	6.05
127	126.5	128	141	142	147	3.0	435	7.5	1087.5	2000	8.45
152	151	153	165	166	171	2.5	362.5	6	870	2050	9.85
203	201	205	--		--	2.0	290	5	725	2700	--

注：1Mpa=10Bar=145Psi



高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose

结　　构：胶管由内胶层、二层或四层钢丝缠绕层和外胶层组成。
用　　途：适于输送液压流体如醇、液压油、燃油、润滑油、乳化液、烃等。
工作温度：-40℃~ +120℃

CONSTRUCTION:
This hose consists of an inner tube of oil synthetic rubber,two layer or four layer spiral wire reinforcements,and an oil and weather resistant synthetic rubber cover.
APPLICATIONS:
Hose range suitable to carry hydraulic fluids such as glycol,mineral oils,fuels， lubricants,emulsion,hydrocarbons etc.
WORKING TEMPERATURE:
from -40℃ up to +120℃

执行标准：GB/T10544-2022

软管规格 Hose size	胶管内径 Hose ID		增强层外径 Wire OD		胶管外径 Hose OD mm		工作压力 Working Pressure				爆破压力 Burst Pressure		弯曲半径 Minimun Bend Radius	参考重量 Weight
	最小	最大	最小	最大	最小	最大								
mm	Min	Max	Min	Max	Min	Max	GB/Mpa	GB/Psi	QB/Mpa	QB/Psi	Mpa	Psi	mm	Kg/m
4sp-6	6.2	7.0	14.1	15.3	17.1	18.7	45	6525	100	14500	210	26100	150	0.55
4sp-8	7.5	8.5	15.6	17.2	19.5	21.2	45	6525	80	11600	210	26100	160	0.65
4sp-10	9.3	10.1	16.9	18.1	20.6	22.2	44.5	6452.5	70	10150	210	25810	180	0.82
4sp-13	12.3	13.5	19.4	21.0	23.8	25.4	41.5	6017.5	60	8700	180	24070	230	1.11
4sp-16	15.5	16.7	23.0	24.6	27.4	29.0	35	5075	55	7975	165	20300	250	1.3
4sp-19	18.6	19.8	27.4	29.0	31.4	33.0	35	5075	46	6670	140	20300	300	1.86
2sp-19	18.6	19.8	26.2	27.8	29	31	28	4060	31	4495	96	13920	300	1.32
4sp-22	21.2	22.8	31.2	33.2	34.5	37.5	30	4350	40	5796	120	17388	320	2.1
4sp-25	25.0	26.4	34.5	36.1	38.5	40.9	28	4060	40	5800	120	17400	340	2.35
2sp-25	25.0	26.4	31.7	33.3	35	38	21	3045	21	3045	64	9280	340	1.64
4sp-32	31.4	33.0	45.0	47.0	49.2	52.4	21	3045	40	5800	105	15225	460	2.96
2sp-32	31.4	33.0	39.6	41.2	43	46	18	2610	20	2900	60	8700	460	2.14
4sp-38	37.7	39.3	51.4	53.4	55.6	58.8	18.5	2682.5	40	5800	105	15225	560	3.73
4sp-45	44	46	56.8	58.8	60.3	63.3	17	2465	35	5050	105	15225	650	4.25
4sp-51	50.4	52.0	64.3	66.3	68.2	71.4	16.5	2392.5	35	5075	105	15225	720	4.8
2sp-51	50.4	52.0	59.4	61.4	63	66	15	2175	15	2175	45	6525	720	3.42
4sp-63	62.8	65.2	79.5	81.5	83.5	85.5	35	5075	35	5075	105	15225	790	6.7
2sp-63	62.8	65.2	72.4	74.4	78.5	81.5	15	2175	15	2175	45	6525	770	5.2
4sp-76	74.6	77.4	91.5	93.5	95	97	35	5075	35	5075	105	15225	960	15.6
2sp-76	74.6	77.4	92	95	97.5	100.5	15	2175	15	2175	45	6525	930	10.11
4sp-89	87.6	90.4	113	115	118	122	35	5075	35	5075	105	15225	1100	17.2
2sp-89	87.6	90.4	105	107	110.5	113.5	15	2175	15	2175	45	6525	1100	
4sp-102	100.5	103.5	128	130	133	137	35	5075	35	5075	105	15225	1250	20.3
2sp-102	100.5	103.5	118	120	123.5	126.5	15	2175	15	2175	45	6525	1250	
4sp-127	125	129	156	158	162.5	165.5	16	2320	16	2320	40	5800	1500	
2sp-127	125	129	143	147	155	159	8	1160	8	1160	20	2900	2000	
4sp-152	150	154	182	184	188.5	191.5	16	2320	16	2320	40	5800	2580	
2sp-152	150	154	171	175	177	181	8	1160	8	1160	20	2900	2280	
4sp-203	201	205	232	234	238.5	241.5	16	2320	16	2320	40	5800	3350	
2sp-203	201	205	221	225	228	232	8	1160	8	1160	20	2900	3050	



高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose

结　　构：由耐油性能的内胶层、内胶织物保护层、钢丝缠绕层、钢丝各层间的中胶层和耐天候的外胶层组成。
用　　途：适于输送液压流体如醇、液压油、燃油、润滑油、乳化液、烃等。
工作温度：-40℃~ +120℃

CONSTRUCTION：
Made up of inner rubber layer,inner rubber fabric layer,wire spiral layer,middle rubber layers between wire spiral layers,and outer rubber layer.
APPLICATIONS：
Hose range suitable to carry hydraulic fluids such as glycol,mineral oils,fuels,lubricantion,emulsion,hydrocarbons etc .
WORKING TEMPERATURE：
from -40℃ up to +120℃

执行标准：GB/T10544-2022

软管规格 Hose size	胶管内径 Hose ID		增强层外径 Wire OD		胶管外径 Hose OD mm		工作压力 Working Pressure		爆破压力 Burst Pressure		最小弯曲半径 Min.Bend Radius	参考重量 Weight
	最小	最大	最小	最大	最小	最大						
mm	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	mm	Kg/m
10	9.3	10.1	21	22.6	24.8	26.8	42	6090	168	24360	210	1.14
13	12.3	13.5	24	25.6	27.8	29.8	42	6090	168	24360	260	1.55
16	15.5	16.7	28.2	29.8	32	34	42	6090	168	24360	310	1.81
19	18.6	19.8	32.2	33.8	35.5	38.5	42	6090	168	24360	350	2.49
25	25.0	26.4	38.2	39.8	42.5	45.5	42	6090	168	24360	430	2.82
32	31.4	33.0	46.2	47.8	50.5	53.5	42	6090	168	24360	530	3.79
38	37.7	39.3	53.2	55.2	57.5	60.5	42	6090	168	24360	660	5.76
51	50.4	52.0	66.2	68.2	70.5	73.5	42	6090	168	24360	820	7.13
63	62.8	65.2	84	86	87.5	89.5	70	10150	175	25375	1200	8.02
76	74.6	77.4	107.5	110.5	114	118	70	10150	175	25375	1300	23
89	87.6	90.4	127.5	130.5	133	137	70	10150	175	25375	1400	28
102	100.5	103.5	140.5	143.5	146	150	70	10150	175	25375	1600	30

压裂管系列

Fracturing pipe series





压裂管系列

Fracturing pipe series

结　　构：由高分子复合材料、多层缠绕的高强超柔钢丝及耐磨合成橡胶组成

用　　途：完井作业中的酸化压裂、加砂压裂、水力压裂管线、在高压下输送水基、油基、泡沫、酸基等裂液

温度范围：-20℃~ +100℃（-4° F ～ +212° F）

软管规格 Hose size	胶管内径 Hose ID	胶管外径 Hose OD	工作压力 Working Pressure	试验压力 Proof pressure	最小弯曲半径 Min.Bend Radius	重量 Weight	流量 Volume	接头 Connections
(inch)	(mm)	(mm)	(psi)	(psi)	(mm)	(kg/m)	(bbl/min)	
2 ″	51	105	15000	22500	1.5	20	12	3 " 1502 锤击由壬 或 3-1/16 " API 15K 法兰连接
2.5 ″	64	130	15000	22500	1.6	32	18.5	3 " 1502 锤击由壬 或 3-1/16 " API 15K 法兰连接
2-3/4 ″	70	135	15000	22500	1.6	36	22	3 " 1502 锤击由壬 或 3-1/16 " API 15K 法兰连接
3 ″	76	141	15000	22500	1.7	41	28	3 " 1502 锤击由壬 或 3-1/16 " API 15K 法兰连接
4 ″	102	180	15000	22500	2.0	60	47	4 " 1502 锤击由壬 或 4-1/16 " API 15K 法兰连接
5 ″	127	215	15000	22500	2.1	88	80	5-1/8 " API 15K 法兰连接
5-1/8 ″	130	218	15000	22500	2.1	92	84	5-1/8 " API 15K 法兰连接
5-1/2 ″	140	228	15000	22500	2.2	97	120	7-1/16 " API 15K 法兰连接
2 ″	51	118	20000	30000	1.7	37	14	2 " 2002 锤击由壬 或 3-1/16 " API 20K 法兰连接
2-1/2 ″	64	133	20000	30000	1.8	41	21	2-1/2 " 2002 锤击由壬 或 3-1/16 " API 20K 法兰连接
3 ″	76	148	20000	30000	1.9	45	32	3 " 2002 锤击由壬 或 3-1/16 " API 20K 法兰连接

钢丝缠绕钻探胶管

Steel Wire Spiraled Drilling Rubber Hose



结构：由内胶层、内胶保护层、中胶层、钢丝缠绕层和外胶层组成。

用途：钢丝缠绕钻探胶管用于油田固井、修井及石油地质勘探、小型钻机和水利采煤、输送泥浆及常温水等流体介质。

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

APPLICATIONS： Steel wire spiraled drilling rubber hoses are used in oil fields, well cementing, well repairing, geological explorations, small drilling machine, and water conveyance at coal excavations, used to carry slurry, water at environmental temperature, and other fluids.



执行标准：GB/T10544-2022 Executive Standard:GB/T10544-2022

规格 内径 × 层数 Size ID×Layer NO.	内径 Inside Diameter	公差 Tolerance	钢丝层直径 Reinforcement Diameter mm 尺寸 Size	钢丝层直径 公差 Tolerance	外径 Outside Diameter	公差 Tolerance	工作压力 Working Pressure		试验压力 Proof Pressure		爆破压力 Burst Pressure		最小弯曲半径 Min.Bend Radius	参考重量 Weight
	mm	mm	mm	mm	mm	mm	MPa	Psi	MPa	Psi	MPa	Psi	mm	Kg/m
51 ×4SP	51	1.0	63	1.0	69	1.5	35	5075	70	10150	87.5	12679	660	5.70
64×4SP	64	1.2	77	1.0	84	1.5	35	5075	70	10150	87.5	12679	990	5.78
76×4SP	76	1.4	101	1.5	107	2	35	5075	70	10150	87.5	12679	1200	16.50
89×4SP	89	1.4	114	1.5	120	2	35	5075	70	10150	87.5	12679	1300	19.65
102×4SP	102	1.5	132	1.5	135	2	35	5075	70	10150	87.5	12679	1400	20.35
51 ×6SP	51	1.0	66	1.0	71.9	1.5	70	10150	140	20300	175	25358	860	6.73
64×6SP	64	1.2	81	1.0	85	1.5	70	10150	140	20300	175	25358	1200	8.02
76×6SP	76	1.4	109	1.5	115.5	2	70	10150	140	20300	175	25358	1300	23.0
89×6SP	89	1.4	122	1.5	128.6	2	70	10150	140	20300	175	25358	1400	28.0
102×6SP	102	1.5	135	1.5	142.3	2	70	10150	140	20300	175	25358	1600	30.0

海洋高压输油胶管

Marine High Pressure Oil-conveying Rubber Hose

结构：由钢丝缠绕骨架层和内外耐油、耐腐蚀合成橡胶组成。

用途：用于海底天然气、石油等介质的输送。

CONSTRUCTION：Steel wire spiraled reinforced layer, wearing resistant synthetic rubber cover.

APPLICATIONS： For carrying natural gas, petroleum, etc. on seafloor.





执行标准：GB/T10544-2022 Executive Standard:GB/T10544-2022

规格 内径 × 层数 Size ID×Layer NO.	内径 Inside Diameter	公差 Tolerance	钢丝层直径 Reinforcement Diameter mm 尺寸 Size	钢丝层直径 公差 Tolerance	外径 Outside Diameter	公差 Tolerance	工作压力 Working Pressure		试验压力 Proof Pressure		爆破压力 Burst Pressure		最小弯曲半径 Min.Bend Radius	参考重量 Weight
	mm	mm	mm	mm	mm	mm	MPa	Psi	MPa	Psi	MPa	Psi	mm	Kg/m
152×2SP	152	2.0	173	3.0	179	4.0	15	2175	30	4350	37.5	5437.5	2280	18
203×2SP	203	2.0	223	3.0	230	4.0	15	2175	30	4350	37.5	5437.5	3050	24
254×2SP	254	2.0	275	3.0	282	4.0	10	1450	20	2900	25	3625	3810	30
305×2SP	305	2.0	330	3.0	338	4.0	8	1160	16	2320	24	3480	4510	36
152×4SP	152	2.0	184	3.0	192	4.0	25	3625	50	7250	62.5	9062.5	2580	24
203×4SP	203	2.0	236	3.0	243	4.0	20	2900	40	5800	50	7250	3350	31
254×4SP	254	2.0	285	3.0	292	4.0	16	2320	32	4640	48	6960	4110	39
305×4SP	305	2.0	341	3.0	350	4.0	16	2320	32	4640	48	6960	4810	47

阻燃耐高温胶管

Antiflaming Fire-resistance Rubber Hose





结构：

以高压钢丝缠绕胶管为基体，外皮包覆耐火涂料层、钢丝编织层和阻燃层构成。

用途：

油田井控作业、金属冶炼及化工行业等有热源或热幅射源的高温环境条件。

CONSTRUCTION：

High pressure steel wire spiraled rubber hose, covered with fire resistant paint coat, steel wire braided layer, and antifiamig layer.

APPLICATIONS：

It is mainly used in high temperature surroundings and in conditions having heat source or heat radiation source, such as oil field well-control, metal smelts, and chemical industry.

软管规格 Hose Size	内径 Inside Diameter mm	公差 Tolerance mm	钢丝层直径 Reinforcement Diameter mm 尺寸 Size	钢丝层直径 公差 Tolerance	外径 Outside Diameter mm	公差 Tolerance mm	工作压力 Working Pressure MPa	试验压力 Proof Pressure MPa	爆破压力 Burst Pressure MPa	最小弯曲半径 Min.Bend Radius mm	耐火温度 ℃
Φ13(1/2 ")	13	0.5	22.2	0.8	44	1.0	43	64.5	86	230	750
Φ16(5/8 ")	16	0.5	26	0.8	47	1.5	38	57	76	260	750
Φ19(3/4 ")	19	0.5	30	0.8	52	1.5	34.5	51.75	69	300	750
Φ25(1 ")	25	0.8	36	0.8	59	1.5	27.5	41.25	55	360	750
Φ32(1-1/4 ")	32	0.8	44	0.8	69	2.0	20.5	30.75	41	470	750
Φ38(1-1/2 ")	38	1.0	50.8	1.0	76	2.0	17	25.5	34	570	750
Φ51(2 ")	51	1.0	63.8	1.0	91	2.0	17	25.5	34	740	750

吹氧胶管

Oxygen Blowing Hose

用途：供炼钢设备输氧气用。

特点：1、胶质具有优良的抗氧性和耐热性能。2、承压高，压力下管体几何变形小。3、具有良好的抗拉伸、耐曲挠疲劳使用性能。4、金属接头密封性好，抗拔脱强度高。

APPLICATIONS： Used to carry oxygen for steel-making equipment.

FEATURE： 1.The rubber has good property of anti-oxygen and hot-resistance.
2.Bearing high pressure, only small distortion of hose body under pressure.
3.Perfect in anti-stretching, bending resistance and fatigue resistance.
4.Metal fitting have good seal.

内径 Inside Diameter (mm) 公称尺寸 Nominal Size	公差 Tolerance	工作压力 Working Pressure MPa	最小爆破压力 Min.Burst Pressure MPa	胶管最大长度 Max.Length ofHose m
51	±1.2	1.6 2.0 2.5	6.4	50
64	±1.5			
76	±1.5			
89	±2.0			
102	±2.0			
127	±2.0			

膨 胀 管

Expansible Rubber Hose

结构：橡胶注水封孔器由内胶层、增强层、中胶层、 外胶层组成。

特点：橡胶注水封孔器在承受内部正向压力下，管体缩短，直径变大呈膨胀状态，实现封孔功能。

用途：a、用于煤矿采煤消尘及瓦斯排放； b、用于工程建筑地下防泄漏施工；
c、用于隧道开采，地下及水下浇铸； d、用于水利地下勘探。

CONSTRUCTION：The hose is composed of an inner tube, reinforcement layer, middle layer and rubber cover.

FEATURE：This sealing hose is designed to be used in places where a complete seal is necessary(i.e. gaseous environments, underwater tunnel injections, etc.). As the external layer of the hose is inflated, it expands to conform to the size and shape of the cavity, creating a complete seal. This allows for the injection and/or extraction of gaseous and/or fluid materials while at the same time preventing other liquid or gaseous intrusion.

APPLICATIONS：a. Suitable in coal mines for clearing dust and discharging gases;
b. Suitable for leakage prevention in underground engineering projects;
c. Suitable for tunnel and underwater injection-cast tunnel exploration;
d. Suitable for any other underground study.



型号 规格 Type Specification	内径 ID mm	外径 OD mm	适用孔径 Hole Radius mm	膨胀范围 Expansion Range mm	自由状态工作压力（Mpa）≥ Working Pressure on Free State(Mpa)	工作状态下耐压强度（Mpa） Pressure-resistance Strength ofWorking State(Mpa) 试验压力≥ ProofPressure	工作状态下耐压强度（Mpa） Pressure-resistance Strength ofWorking State(Mpa) 爆破压力≥ Bursting Pressure
ZF-19 增强	19±0.5	39±2	50	65 +5 -4	15	30	37.5
ZF-A22	22±0.5	39±2	50	80 +8 -4	6	12	16
ZF-B22	22±0.5	39±2	50	60 +8 -2	6	12	16
ZF-A32	32±0.5	50±2	56	90 +8 -4	6	12	16
ZF-B32	32±0.5	50±2	56	70 +8 -3	6	12	16
ZF-A38	38±0.8	55±2	65	90 +8 -4	6	12	16
ZF-B38	38±0.8	55±2	65	70 +8 -3	6	12	16
ZF-A45	45±0.8	63±2	75	100 +8 -4	4	12	16
ZF-B45	45±0.8	63±2	75	80 +8 -3	4	12	16
ZF-A51	51 ±1	70±2	91	110 +8 -4	4	12	16
ZF-B51	51 ±1	70±2	91	95 +8 -3	4	12	16
ZF-A64	64±1	83±2	110	120 +8 -4	4	12	16
ZF-B64	64±1	83±2	100	100 +8 -3	4	12	16
ZF-A76	76±1	94±2	120	130 +8 -4	2	6	12
ZF-B76	76±1	94±2	120	120 +8 -2	2	6	12

掘进自封式封孔器 -JZFII

Boring Self-styled Sealing-JZF Ⅱ



一、用 途：

适用于煤体或岩体在注浆、注水时和其后的堵孔。

二、结 构：

封孔器由高压膨胀胶管、 安全阀、快速接头和骨架钢管等组成。

三、技术参数：

工作压力：5 ～ 8MPa

封孔范围：45mm ～ 120mm；

应用范围：可输送混合树脂、水、水泥及其它介质；

连　　接：M20×1.5

本公司可以根据用户实际堵孔直径进行设计、加工封孔器。

四、使用方法：

1、使用封孔器快速、简便，将封孔器完全插入钻孔内，将封孔器与压力源连通，启动压力，升压至0.4MPa时，胶管完全膨胀实现封孔，此时安全阀开启，向煤体注水或注浆。注水或注浆完毕后，只需将与封孔器连接的连管反时针旋出，封孔器仍然在钻孔内保持膨胀状态实现长时间封堵，可以有效保证煤体或岩体钻孔内水分或浆分不发生倒流情况。

2、封孔器收缩：水作为压力介质时，需使用吸水泵；压缩气体可从供应管排出。

1. Application

It is used in coal or rock in grouting, water injection and subsequent blocking.

2. Construction

The sealing is consisted by expansion high-pressure hose, safety valve, quick joints, steel pipe skeleton and so on.

3. Technical Specification

working pressure: 5~8Mpa

sealing range: 45mm~ 120mm

applied range: It is used to transport mixed resin, water, cement and other media.

joint: M20 x 1.5

Our company can design and process the sealing according to users' actual plugging hole diameter.

4. Usage

1.It is quick and easy to use the sealing. The sealing is fully inserted into the boreholes, connected with the pressure source, then starting pressure. When it reaches 0.4Mpa, the hose will be expanded to achieve sealing, then the safety valve opens for water injection and grouting. After water injection and grouting, the only thing to do is to spin out the hose connected with the sealing clockwise, now, the sealing is still in the boreholes to maintain the state of expansion a long time, which can effectively guarantee to avoid the backflow of water or slurry in the boreholes of coal and rock.

2.Sealing contraction: Water as a pressure medium, It need use suction pump, then compressed gas can be discharged from the supply pipe.

煤炭液压支架专用胶管总成

Special Rubber Hose Assembly of Coal Hydraulic Stand

1、K_1 型接头适用于液压支架设备　技术标准：煤炭部MT98-84

Type K_1 Joint Applied to hydraulic support equipment.

Technical Standard: Ministry of Coal Industry MT98-84



K_1 型接头 Type K_1 Joint



单位：毫米　L为订货长度

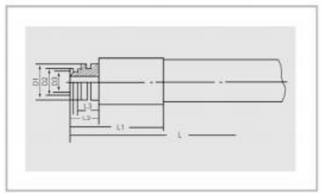
胶管内径	工作压力 公斤/厘米²	最小弯曲半径 R	D1	D2	D3	L1	L2	L3	备　注
Φ6	600	120	15	11	8	12	26	3.8	
Φ8	420	140	18	13	10	12	26	3.8	
Φ10	400	160	18	15	11	12	26	4.5	
Φ13	300	190	22	18	14	12	26	4.5	
Φ16	210	240	25	20	16	14	30	4.5	
Φ19	180	300	28	24	20	15	31	4.5	
Φ25	150	360	35	30	25	15	31	5.6	
Φ32	110	420	42	38	32	15	31	6.2	
Φ38	100	500	55	46	40	15	40	6.5	
Φ51	80	630	64	56	50	15	41	6.2	
Φ64	50	790	70	65	59	14	41	4	
Φ76	40	920	83	80	73	20	53	5	
Φ89	35	1060	100	95	88	17	51	5	
Φ102	30	1200	110	105	99	15	44	4.5	

2、K_2 型接头　适用于英、法等欧洲国家的综采设备

Type K_2 Joint

Applied to the general mining equipment of Britain, France and other European countries.

K_2 型接头 Type K_2 Joint



单位：毫米　L为订货长度

胶管内径	工作压力 公斤/厘米²	最小弯曲半径 R	D1	D2	D3	L1	L2	L3	备　注
Φ6	600	120	15	11	8	65	30	3.1	
Φ8	420	140	20	13	10	66	29	3.1	
Φ10	400	160	20	15	11	66	29	3.0	
Φ13	300	190	24	18	14	66	29	3.6	
Φ16	210	240	26	20	16	72	29	3.6	
Φ19	180	300	29	24	20	80	34	3.6	
Φ25	150	360	39	30	25	85	35	3.6	
Φ32	110	450	46	38	32	93	35	3.6	
Φ38	100	500	55	47	42	105	38	5.2	
Φ51	80	630	64	56	51	120	38.5	6.2	

SAE100 R3

双层（非金属）橡胶液压软管

Double Fiber Braid (non-metallic), Rubber Covered Hydraulic Hose



结构：软管由一层耐油合成橡胶内胶层和两层适当的纤维层和一层耐油耐候合成橡胶外胶层组成。

用途：适用于使用石油基液压油，温度范围为 -40℃~ +100℃的软管。

CONSTRUCTION: This hose is composed of an inner tube of oil resistant synthetic rubber, two braids of suitable fiber, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS : This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +100℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D		最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.5	5.4	11.9	13.5	10.5	1520	105	21	3050	210	42	6090	420	2.95	75	0.16
6.3	1/4	6.1	7.0	13.5	15.1	8.7	1260	87	17.5	2540	175	35	5075	350	2.95	75	0.18
8	5/16	7.6	8.5	16.7	18.3	8.4	1220	84	16.8	2440	168	33.5	4860	335	3.94	100	0.27
10	3/8	9.2	10.1	18.3	19.8	7.8	1130	78	15.7	2280	157	31.5	4570	315	3.94	100	0.31
12.5	1/2	12.4	13.5	23.0	24.6	7	1015	70	14	2030	140	28	4060	280	4.92	125	0.45
16	5/8	15.6	16.7	26.2	27.8	6.1	885	61	12.2	1770	122	24.5	3550	245	5.51	140	0.53
19	3/4	18.7	19.8	31.0	32.5	5.2	750	52	10.5	1520	105	21	3045	210	5.91	150	0.72
25	1	25.1	26.2	36.9	39.3	3.9	570	39	7.8	1130	78	15.7	2280	157	8.07	205	0.90
31.5	1-1/4	31.4	32.9	42.9	46.0	2.6	380	26	5.2	750	52	10.5	1520	105	9.84	250	1.07

SAE100 R4

夹钢丝液压吸引橡胶软管

Wire Inserted Hydraulic Suction Hose



结构：软管由一层耐油合成橡胶，一层由单层或多层布或编织的纺织纤维与适当的管体铜丝螺旋线构成的增强层和一层耐油耐候合成橡胶外胶层所组成。

用途：适用于低压和真空，使用石油基液压油。温度范围为 -40℃~ +100℃的软管。

CONSTRUCTION: This hose is composed of an inner tube of oil resistant synthetic rubber, a reinforcement consisting of a ply or plies of woven or braided textile fibers with a suitable spiral of body steel wire, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS : This hose is used in low pressure and vacuum applications with petroleum based hydraulic fluids within a temperature range of -40℃~ +100℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D	最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最大												
mm	Inch	Min	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
19	3/4	18.2	19.8	34.9	2.1	305	21	4.2	610	42	8.4	1210	84	4.92	125	0.92
25	1	24.6	26.2	41.3	1.7	250	17	3.5	510	35	7	1015	70	5.91	150	1.10
31.5	1-1/4	30.6	33.0	50.8	1.4	200	14	2.8	410	28	5.6	810	56	7.87	200	1.30
38	1-1/2	36.9	39.3	57.2	1.05	150	10.5	2.1	305	21	4.2	610	42	10.04	255	1.80
51	2	49.2	52.4	69.9	0.7	100	7	1.4	200	14	2.8	410	28	11.81	300	2.23
63	2-1/2	61.9	65.1	82.6	0.4	60	4	0.85	120	8.5	1.7	250	17	13.98	355	3.23
76	3	74.6	77.8	95.3	0.4	60	4	0.8	120	8	1.6	230	16	18.11	460	4.25
89	3-1/2	87.3	90.5	107.9	0.3	40	3	0.6	90	6	1.25	180	12.5	20.87	530	5.05
102	4	100.0	103.2	120.7	0.25	40	2.5	0.5	70	5	1	145	10	24.02	610	5.60

SAE100 R5

钢丝编织外覆织物橡胶液压软管

Single Wire Braid, Textile Covered Hydraulic Hose



结构：软管由一层耐油合成橡胶内层，一层单根钢丝编织增强层和一层纤维编织的外胶层组成。

用途：适用于使用石油基液压油，温度范围为 -40℃~ +100℃的软管。

CONSTRUCTION: This hose is composed of an inner tube of oil resistant synthetic rubber, a single wire braid reinforcement and a fiber braided cover.

APPLICATIONS : This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +100℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D		最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.8	5.5	12.7	13.7	21	3045	210	42	6090	420	84	12180	840	2.95	75	0.24
6.3	1/4	6.4	7.2	14.3	15.3	21	3045	210	42	6090	420	84	12180	840	3.35	85	0.28
8	5/16	7.9	8.7	16.7	17.6	15.7	2270	157	31.5	4570	315	63	9135	630	3.94	100	0.35
11	13/32	10.3	11.1	18.9	20.0	14	2030	140	28	4060	280	56	8120	560	4.53	115	0.38
12.5	1/2	12.7	13.7	22.8	24.0	12.2	1770	122	24.5	3550	245	49	7105	490	5.51	140	0.51
16	5/8	15.9	17.0	26.8	28.0	10.5	1520	105	21	3045	210	42	6090	420	6.50	165	0.68
22	7/8	22.2	23.3	30.6	32.2	5.6	810	56	11.2	1620	112	22.4	3250	224	7.28	185	0.70
29	1-1/8	28.6	29.8	37.3	38.9	4.3	620	43	8.7	1260	87	17.5	2540	175	9.06	230	0.80
35	1-3/8	34.9	36.1	43.7	45.2	3.5	510	35	7	1015	70	14	2030	140	10.43	265	0.93
46	1-13/16	46.0	47.2	55.2	57.6	2.4	350	24	4.9	700	49	9.8	1420	98	13.19	335	1.32
60	2-3/8	60.3	61.9	71.8	74.2	2.4	350	24	4.9	700	49	9.8	1420	98	24.02	610	2.96
76	3	76.2	77.8	89.3	91.7	1.4	200	14	2.8	410	28	5.6	810	56	33.07	840	4.10

SAE100 R6

单层纤维编织（非金属）橡胶液压软管

Single Fiber Braid (non-metallic), Rubber Covered Hydraulic Hose



结构：软管由一层耐油合成橡胶内胶层，一层适当的纤维编织层和一层耐油耐候合成橡胶外胶层组成。

用途：适用于使用石油基液压油，温度范围为 -40℃~ +100℃的软管。

CONSTRUCTION: This hose is composed of an inner tube of oil resistant synthetic rubber, one braid of suitable fiber, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS : This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +100℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D		最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.5	5.4	10.3	11.9	3.5	510	35	7	1015	70	14	2030	140	1.97	50	0.10
6.3	1/4	6.1	7.0	11.9	13.5	2.8	410	28	5.6	810	56	11.2	1620	112	2.56	65	0.13
8	5/16	7.6	8.5	13.5	15.1	2.8	410	28	5.6	810	56	11.2	1620	112	2.95	75	0.15
10	3/8	9.2	10.1	15.1	16.7	2.8	410	28	5.6	810	56	11.2	1620	112	2.95	75	0.18
12.5	1/2	12.4	13.5	19.0	20.6	2.8	410	28	5.6	810	56	11.2	1620	112	3.94	100	0.26
16	5/8	15.6	16.7	22.2	23.8	2.4	350	24	4.9	710	49	9.8	1420	98	4.92	125	0.31
19	3/4	18.7	19.8	25.4	27.8	2.1	310	21	4.2	610	42	8.4	1220	84	5.91	150	0.40

SAE100 R7

热塑性液压软管

Thermoplastic Hydraulic Hose



结构：软管由一层带有适当合成纤维增强层的耐液压油的热塑性内层和一层耐候的热塑性外层组成。

用途：适用于石油基液压油和合成液压油，温度范围为 -40℃~ +93℃的热塑性软管。

CONSTRUCTION：This hose is composed of a thermoplastic inner tube resistant to hydraulic fluids with suitable synthetic fiber reinforcement, and a hydraulic and weather resistant thermoplatic cover.

APPLICATIONS： This hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +93℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D	最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最大												
mm	Inch	Min	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.6	5.4	11.4	21	3045	210	42	6090	420	84	12180	840	3.54	90	0.073
6.3	1/4	6.2	7.0	13.7	19.2	2780	192	38.5	5580	385	77	11165	770	3.94	100	0.090
8	5/16	7.7	8.5	15.6	17.5	2535	175	35	5075	350	70	10150	700	4.53	115	0.128
10	3/8	9.3	10.3	18.4	15.7	2275	157	31.5	4565	315	63	9135	630	4.92	125	0.155
12.5	1/2	12.3	13.5	22.5	14	2030	140	28	4060	280	56	8120	560	7.09	180	0.224
16	5/8	15.5	16.7	25.8	10.5	1520	105	21	3045	210	42	6090	420	8.07	205	0.277
19	3/4	18.6	19.8	28.6	8.7	1260	87	17.5	2535	175	35	5075	350	9.45	240	0.330
25	1	25.0	26.4	36.7	7	1015	70	14	2030	140	28	4060	280	11.81	300	0.403

SAE100 R8

高压热塑性液压软管

High Pressure Thermoplastic Hydraulic Hose



结构：软管由一层带有适当合成纤维增强层的耐液压油的热塑性内层和一层耐候的热塑性外层组成。

用途：适用于石油基液压油和合成液压油，温度范围为 -40℃~ +93℃的热塑性软管。

CONSTRUCTION：This hose is composed 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 hose is suitable for petroleum based hydraulic fluids within a temperature range of-40℃~ +93℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D	最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最大												
mm	Inch	Min	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.6	5.4	14.6	35	5075	350	70	10150	700	140	20300	1400	3.54	90	0.086
6.3	1/4	6.2	7.0	16.8	35	5075	350	70	10150	700	140	20300	1400	3.94	100	0.097
10	3/8	9.3	10.3	20.3	28	4060	280	56	8120	560	112	16240	1120	4.92	125	0.178
12.5	1/2	12.3	13.5	24.6	24.5	3550	245	49	7105	490	98	14210	980	7.09	180	0.216
16	5/8	15.5	16.7	29.8	19.2	2780	192	38.5	5580	385	77	11165	770	8.07	205	0.312
19	3/4	18.6	19.8	33.0	15.7	2275	157	31.5	4565	315	63	9135	630	9.45	240	0.360
25	1	25.0	26.4	38.6	14	2030	140	28	4060	280	56	8120	560	11.81	300	0.505

EN854-1TE

织物增强橡胶液压软管

Textile Reinforced Hydraulic Rubber Hose



结构：软管由一层耐油和耐水的合成橡胶内层，一层适当的织物增强层和一层耐油和耐候的合成橡胶外层组成。

用途：除 HRD R、HFD S 和 HFD T 以外的 ISO6743-4 中规定的，-40℃~ +100℃温度范围内的液压流体。

CONSTRUCTION：This hose is composed of an oil and water resistant synthetic rubber lining, one suitable textile yarn and an oil and weather resistant synthetic rubber cover.

APPLICATIONS： Hydraulic fluids in accordance with ISO6743-4 with the exception of HRD R 、HFD S and HFD T at temperatures range of-40℃~ +100℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D		最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.4	5.2	10	11.6	2.5	363	25	5	725	50	10	1450	100	1.38	35	0.093
6	1/4	5.9	6.9	11.6	13.2	2.5	363	25	5	725	50	10	1450	100	1.77	45	0.114
8	5/16	7.4	8.4	13.1	14.7	2	290	20	4	580	40	8	1160	80	2.56	65	0.133
10	3/8	9	10	14.7	16.3	2	290	20	4	580	40	8	1160	80	2.95	75	0.15
12	1/2	12.1	13.3	17.7	19.7	1.6	232	16	3.2	464	32	6.4	928	64	3.54	90	0.19
16	5/8	15.3	16.5	21.9	23.9	1.6	232	16	3.2	464	32	6.4	928	64	4.53	115	0.277

EN854-2TE

织物增强橡胶液压软管

Textile Reinforced Hydraulic Rubber Hose



结构：软管由一层耐油和耐水的合成橡胶内层，两层适当的织物增强层和一层耐油和耐候的合成橡胶外层组成。

用途：除 HRD R、HFD S 和 HFD T 以外的 ISO6743-4 中规定的，-40℃~ +100℃温度范围内的液压流体。

CONSTRUCTION：This hose is composed of an oil and water resistant synthetic rubber lining, two suitable textile yarns and an oil and weather resistant synthetic rubber cover.

APPLICATIONS： Hydraulic fluids in accordance with ISO6743-4 with the exception of HRD R 、HFD S and HFD T at temperatures range of-40℃~ +100℃ .

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D		最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大												
mm	Inch	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
5	3/16	4.4	5.2	11	12.6	8	1160	80	16	2320	160	32	4640	320	1.38	35	0.117
6	1/4	5.9	6.9	12.6	14.2	7.5	1088	75	15	2176	150	30	4352	300	1.58	40	0.139
8	5/16	7.4	8.4	14.1	15.7	6.8	986	68	13.6	1972	136	27.2	3944	272	1.97	50	0.157
10	3/8	9	10	15.7	17.3	6.3	914	63	12.6	1828	126	25.2	3656	252	2.36	60	0.183
12	1/2	12.1	13.3	18.7	20.7	5.8	841	58	11.6	1682	116	23.2	3364	232	2.76	70	0.222
16	5/8	15.3	16.5	22.9	24.9	5	725	50	10	1450	100	20	2900	200	3.54	90	0.316
19	3/4	18.2	19.8	26	28	4.5	653	45	9	1306	90	18	2612	180	4.33	110	0.370
25	1	24.6	26.2	32.9	35.9	4	580	40	8	1160	80	16	2320	160	5.12	130	0.547

EN854-3TE

织物增强橡胶液压软管

Textile Reinforced Hydraulic Rubber Hose



结构：软管由一层耐油和耐水的合成橡胶内层，两层适当的织物增强层和一层耐油和耐候的合成橡胶外层组成。

用途：除 HRD R、HFD S 和 HFD T 以外的 ISO6743-4 中规定的，-40℃~ +100℃温度范围内的液压流体。

CONSTRUCTION: This hose is composed of an oil and water resistant synthetic rubber lining, two suitable textile yarns and an oil and weather resistant synthetic rubber cover.

APPLICATIONS: Hydraulic fluids in accordance with ISO6743-4 with the exception of HRD R、HFD S and HFD T at temperatures range of-40℃~ +100℃.

公制规格 Size	英制规格 Size	内径 I.D		外径 O.D		最大工作压力 W.P			试验压力 P.P			最小爆破压力 B.P			最小弯曲半径 Min B.R		参考重量 W.T
		最小	最大	最小	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
mm	Inch	Min	Max	Min	Max												
5	3/16	4.4	5.2	12	13.6	16	2320	160	32	4640	320	64	9280	640	1.57	40	0.129
6	1/4	5.9	6.9	13.6	15.2	14.5	2103	145	29	4206	290	58	8412	580	1.77	45	0.153
8	5/16	7.4	8.4	16.1	17.7	13	1885	130	26	3770	260	52	7540	520	2.16	55	0.210
10	3/8	9.4	10.5	17.7	19.3	11	1595	110	22	3190	220	44	6380	440	2.75	70	0.241
12	1/2	12.1	13.3.	20.7	22.7	9.3	1349	93	18.6	2698	186	37.2	5396	372	3.35	85	0.299
16	5/8	15.3	16.5	24.9	26.9	8	1160	80	16	2320	160	32	4640	320	4.13	105	0.405
19	3/4	18.2	19.8	28	30	7	1015	70	14	2030	140	28	4060	280	5.12	130	0.470
25	1	24.6	26.2	34.4	37.4	5.5	798	55	11	1596	110	22	3192	220	5.91	150	0.633
31	1-1/4	30.8	32.8	40.8	43.8	4.5	653	45	9	1306	90	18	2612	180	7.48	190	0.774
38	1-1/2	37.1	39.1	47.6	51.6	4	580	40	8	1160	80	16	2320	160	9.45	240	0.973
51	2	49.8	51.8	60.3	64.3	3.3	479	33	6.6	958	66	13.2	1916	132	11.81	300	1.246

铁氟龙波纹编织管

Wire Braided Corrugated Tefion Hose



特征：本产品由聚四氟乙烯波纹软管用钢丝编织增强，两端装上金属接头构成软管组件，有耐折、弯曲半径小、耐高、低温、耐压、耐腐蚀、不粘和使用寿命长等特点。

内层：由 PTFE制成波纹软管，其特性为耐高温、耐腐蚀、不粘、耐折、弯曲半径小等特性。

外层：由不锈钢SUS304 编织网制成，强化hose 管硬度，提高耐压，外接各种快速接头。

工作温度特性：连续耐温 -50℃~ +210℃， 短暂性耐温 -70℃~ +260℃。

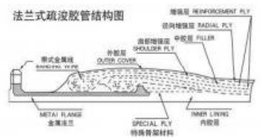
用途：适用于橡胶、塑料、服装、汽车、机床、造船、电机、柴油机、造纸等行业做液压、气压、蒸汽输送等的软件接件。对输送冷热交替的液体、气体和强腐蚀介质比其他输送软管有更好的使用性能和寿命。

编码 Item	尺寸 Inch	内径（mm） ID	外径（mm） OD	壁厚（mm） Thickness	常用工作压力 (kg/cm²) Working Pressure	最小破坏压力 (kg/cm²) Min.Burst Pressure	最小弯曲半径 mm/±3mm Min.Bend Semidiameter
FW-B20	1/4	5.75-6.55	9.85-10.55	1	151	450	32
FW-B25	5/16	7.75-8.55	12.25-13.15	1	126	370	36
FW-B30	3/8	9.14-10.25	15.85-16.55	1	105	324	59
FW-B40	1/2	12.45-13.25	18.45-19.35	1	90	270	82
FW-B50	5/8	15.35-16.25	24.85-25.55	1.5	72	255	95
FW-B60	3/4	18.6-19.85	28.25-29.55	1.5	60	231	113
FW-B70	7/8	21.84-22.86	32.25-33.55	2	52	189	145
FW-B100	1	24.89-26.16	35.55-36.85	2	47	144	189

备注：单根长度在 10 米到 20 米　　1psi（1 磅 / 英寸 ₂）=0.0703kg/cm²　1bar（巴）=1.0197kg/cm²

法兰式疏浚胶管

Flanged Dredging Hose





法兰式疏浚胶管易于管道连接，减少海浪引起的摆动。使介质在管道中更畅通。

Flanged Nipple type dredging hose can be connected with pipeline well, and reduce sway for wave. So that conveying medium can flow more smoothly.

规格尺寸表 Size Table

标准尺寸 Standard Dimension			工作压力 PLY VS. Working Pressure								
金属管 Metal Hose	橡胶管 Rubber Hose		5 kgf/cm²	7	8	10	12	15	20	25	30
内径 IN DIA.(mm)	内径 IN DIA.(mm)	总长 Total Length(mm)									
410	410	1200	8（PR）	12							
460	460	1300	8	12	14						
510	510	1400	9	13	14						
560	560	1500		14	16	19					
610	610	1500			17	22					
650	650	1600			19	22	26				
710	710	1700			20	24	28				
760	760	1800				26	30	33	35	38	40
800	800	1800				28	32	35	37	40	42
900	900	2000					33	36	39	42	44

可按用户要求制作　The products can be designed and manufactured according to the request.

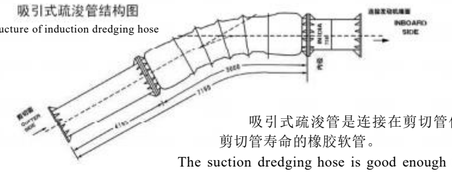
吸引式疏浚胶管

Suction Dredging Hose



吸引式疏浚管结构图

Structure of induction dredging hose



吸引管内径见表

Inner diameter of suction dredging hoses are shown in Table.

内径 (mm) Inner Dia.	415	510	560	610	660	710	760	800	850	900

吸引式疏浚管是连接在剪切管件上延长剪切管寿命的橡胶软管。

The suction dredging hose is good enough to absorb shearing stress and would last life cycle of metals.

长度按用户要求

The length can be ordered by the users.

可按用户要求设计制作

The products can be designed and manufactured according to the request.

码头输油排吸管

Dock Oil Hose

应用范围：用于从罐车和驳船排吸石油产品的软管并且还在其它工业领域应用，适合输送50%的芬芳物质；可以提供：
①凹形接头 ②镶入式法兰接头

适用标准：BS 1435: 87 type S 15，UNI EN 1765: 99 type S 15

温度范围：-20℃至+82℃

产品结构：内　胶：黑色光滑，适合输送 50% 的芳香物质的合成橡胶。
增强层：高强力合成线绳加螺旋钢丝骨架和防静电铜丝。
外　胶：黑色、光滑 （表面布纹）、抗老化、耐磨、耐油和海水的合成橡胶。

APPLICATION: Hardwall hose is used for suction and discharge of petroleum products from tankers and barges, bunkering service and industrial applications; suitable for aromatic content up to 50%.
Available with swaged -on (Transoil) ① or built-in (Transoil/RV) nipples with fianges ②

APPLICABLE STANDARDS: BS 1435: 87 type S 15，UNI EN 1765: 99 type S 15

TEMPERATURE RANGE: -20℃ (-4°F) to + 82℃ (+185°F)

CONSTRUCTION: ***Tube***: black, smooth, synthetic rubber compound; suitable for aromatic content up to 50%.
Reinforcement: high strength synthetic cord plus embedded steel helix wire and anti-static copper wires.
Cover: black, smooth (wrapped finish), synthetic rubber compound for a superior resistance to weathering, abrasion, oil and sea water.



内　径 Inside Diameter		外　径 Outside Diameter		工作压力 Working Pressure		爆破压力 Burst Pressure		理论重量 Weight		弯曲半径 Bending Radius		耐负压 Vacuum
mm	Inch	mm	Inch	Bar	Psi	Bar	Psi	kg/m	lbs/ft	mm	Inch	Bar
51	2	71	2-51/64	15	225	60	900	2.73	1.8	250	9.8	0.9
70	2-3/4	90	3-35/64	15	225	60	900	3.77	2.5	400	15.7	0.9
76	3	96	3-3/4	15	225	60	900	4.04	2.7	400	15.7	0.9
102	4	133	5-1/4	15	225	60	900	7.52	5	600	23.6	0.9
152	6	188	7-13/32	15	225	60	900	15.00	10	900	35.4	0.9
203	8	249	9-13/16	15	225	60	900	26.61	17.8	1100	43.3	0.9
254	10	303	11-59/64	15	225	60	900	38.98	26.2	1700	67	0.9

波纹排吸水管

Water Suction and Delivery Hose

应用范围：排吸水波纹软质管，表面粗糙，适用于工业、建筑业和农业，用于喷灌系统或油罐车上。

温度范围：-30℃到＋ 70℃

产品结构：内　胶：黑色、光滑、SBR合成橡胶、耐泥浆、污水和废水。
增强层：高强度合成线绳和螺旋钢丝。
外　胶：黑色、光滑（表面包布）、抗老化、耐臭氧的EPDM合成橡胶。

APPLICATION: Corrugated hose is used for water suction and discharge service, where a rugged yet fiexible hose is required by industry, building and agriculture, for overhead irrigation systems or for tank truck use.

TEMPERATURE RANGE: -30℃ to + 70℃

CONSTRUCTION: ***Tube:*** black, smooth, SBR rubber compound resistant to mud, sewage and waste water.
Reinforcement: high strengty synthetic cord plus helix wire.
Cover: black (wrapped finish) corrugated EPDM rubber compound weathering ozone and ageing resistant.



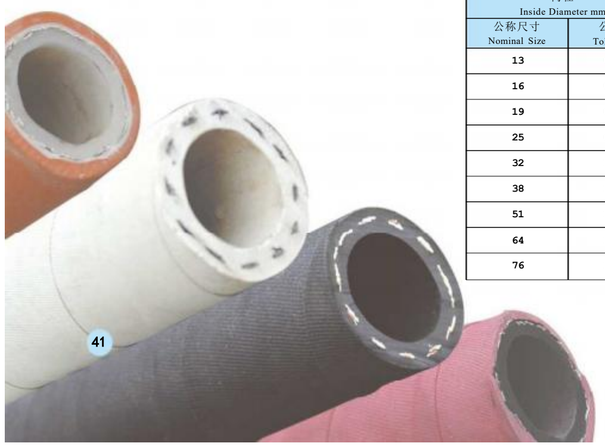
内　径 Inside Diameter		工作压力 Working Pressure		爆破压力 Burst Pressure		重量 Weight		弯曲半径 Bending Radius	耐负压 Vacuum
mm	Inch	Bar	Psi	Bar	Psi	kg/m	lbs/ft	mm	Bar
25	1	3	45	9	135	0.61	0.41	80	0.8
38	1-1/2	3	45	9	135	1.00	0.67	125	0.8
51	2	3	45	9	135	1.29	0.87	175	0.8
60	2-3/8	3	45	9	135	1.59	1.06	210	0.8
63.5	2-1/2	3	45	9	135	1.72	1.16	225	0.8
76	3	3	45	9	135	2.02	1.36	275	0.8
80	3-5/32	3	45	9	135	2.12	1.42	295	0.8
90	3-35/64	3	45	9	135	2.95	1.98	335	0.8
102	4	3	45	9	135	3.63	2.44	400	0.8
110	4-21/64	3	45	9	135	4.27	2.87	440	0.8
125	4-59/64	3	45	9	135	4.65	3.12	530	0.8
127	5	3	45	9	135	4.72	3.17	530	0.7
152	6	3	45	9	135	6.81	4.58	690	0.7
203	8	3	45	9	135	9.80	6.59	1010	0.7
254	10	3	45	9	135	12.96	8.70	1370	0.7

空气胶管　输水胶管　吸引胶管

Air Hose　Water Hose　Suction Hose

内径 Inside Diameter mm		夹布层数（层） Layer of Cloth (layer)		螺旋钢丝直径 Helix Steel Wire Diameter mm	管接头长度 Length ofFitting mm		胶管长度 Length ofHose	
公称尺寸 Nominal Size	公差 Tolerance				尺寸 Size	公差 Tolerance	尺寸 Size m	公差 Tolerance mm
38	1.2	2	3	2.0	75	10	10	150
51	1.2	3	4	2.6	100	15	10	150
64	1.5	3	4	2.6	100	15	10	150
76	1.5	4	5	2.6	100	15	10	150
89	1.5	4	5	3.2	100	15	10	150
102	2.0	4	5	3.2	125	20	10	150
127	2.0	5	6	3.2	125	20	10	150
152	2.0	5	6	4.0	150	20	10	150
203	2.5	6	7	5.0	200	25	10	150
254	2.5	7	8	5.0	200	25	10	150
305	2.5	7	8	5.0	250	25	10	150

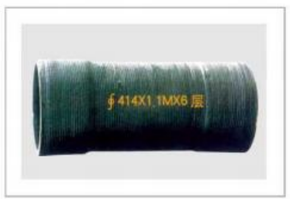




内径 Inside Diameter mm		工作压力 Working Pressure MPa			对应爆破压力 Corresponding Burst Pressure MPa			胶管长度 Length ofHose	
公称尺寸 Nominal Size	公差 Tolerance							尺寸 Size m	公差 Tolerance mm
13	0.8	0.5	0.7	1.0	2.0	2.8	4.0	20	200
16	0.8	0.5	0.7	1.0	2.0	2.8	4.0	20	200
19	0.8	0.5	0.7	1.0	2.0	2.8	4.0	20	200
25	0.8	0.5	0.7	1.0	2.0	2.8	4.0	20	200
32	1.2	0.3	0.5	0.7	1.2	2.0	2.8	20	200
38	1.2	0.3	0.5	0.7	1.2	2.0	2.8	20	200
51	1.2	0.3	0.5	0.7	1.2	2.0	2.8	20	200
64	1.5	0.3	0.5	0.7	1.2	2.0	2.8	20	200
76	1.5	0.3	0.5	0.7	1.2	2.0	2.8	20	200









吸排泥胶管

Mud Sucking Hose and Mud Discharging Hose

吸泥胶管主要规格参数

船 型	内 径 mm		
80m³/H	Φ300	吸泥管工作压力为 650mm 汞柱	胶管长度根据用户具体船型确定。
200m³/H	Φ400		
350m³/H	Φ560		
海狸 1600	Φ500		
海狸 3800	Φ650		
海狸 4600	Φ700		

扩口式排泥胶管主要规格参数（钢丝帘布、尼龙帘布）

船 型	输泥钢管内径 mm	胶管内径 mm	扩口内径 mm	扩口长度 mm	钢帘层数	尼龙帘布层数	胶管长度 mm
80m³/H	Φ300	Φ300	Φ316	200	4	16	1500
	Φ350	Φ350	Φ375	250	4	16	1500
200m³/H	Φ400	Φ400	Φ414	250	4	16	1100
	Φ414	Φ414	Φ430	250	4	16	1100
350m³/H	Φ560	Φ560	Φ585	250	6	24	1400
海狸 1600	Φ500	Φ500	Φ530	250	6	24	1500
海狸 3800	Φ650	Φ650	Φ700	315	8	32	2000
海狸 4600	Φ700	Φ700	Φ750	315	8	32	2000

钢法兰排泥胶管主要规格参数

船 型	输泥管内径 mm	胶管内径 mm	钢帘布层数	尼龙帘布层数	胶管长度 mm
200m³/H	Φ400	Φ400	6	24	1400
350m³/H	Φ560	Φ560	6	24	1500
海狸 1600	Φ500	Φ500	6	24	1500
海狸 3800	Φ650	Φ650	8	32	1500
海狸 4600	Φ700	Φ700	8	32	1500

树脂管系列

Resin Hose Series



PA,PA-11,PA-12 耐磨损、易弯曲，许多能引起其他类型管子失效的材料，对它没有影响。

PA,PA-11,PA-12 尼龙管的内壁光滑、液体流畅、无生锈、无结垢现象。

PA,PA-11,PA-12 尼龙管可以弯曲，并易于安装，能耐许多化学物质的腐蚀。在它的应用范围内有很长的寿命，它的拉伸和弯曲能有极大的稳定性。

PA,PA-11,PA-12 尼龙管电阻极大， 因此可用 **PA,PA-11,PA-12** 尼龙管作为绝缘体来使用。

PA,PA-11,PA-12 尼龙管材料制成的管子尺寸稳定，渗透率极小。

使用范围：空气、水、化学物质润滑、仪表线、灌溉控制系统、纺织厂、食品厂、车辆和轮船的燃料输送管、真空系统、空调系统、振荡绝缘体、静电绝缘体等各行业。

能在 **-40**℃~ **+120**℃温度范围内保持柔性、正常工作。

PA,PA-11,PA-12 nylon hose is abrasion-resisting and flexible, many materials which make other hose out of work have no effect on the product.

PA, PA-11, PA-12 nylon hose has smooth intine, with fluent liquid flow and without stain and fouling.

PA, PA-11, PA-12 nylon hose is flexible, easy to install, and can resist the corrosion of many chemical material. It has a long lifetime in its applied range, with good tensile and bending stability.

PA, PA-11, PA-12 nylon hose, with maximum resistance, can be used as the insulator.

PA, PA-11, PA-12 nylon hose has stable size, with minimum permeability.

Applied range: air, water, chemical lubrication, instrument line, irrigation control system, textile mill, food product factory, fuel conveying pipe of vehicles and ships, vacuum system, air-condition system, oscillation isolator, static isolator and etc.

Within the temperature scope of -40℃ ~+120℃ , it can keep its flexibility and its normal working condition.

尼龙压力管技术参数

管标记 mm	外径 mm	壁厚 mm	允许工作压力 Mpa	最小爆破压力 Mpa	允差 外径 mm	允差 内径 mm
Φ4×0.75	4	0.75	2.4	9.5	±0.1	±0.1
Φ4×1	4	1	2.75	11.0	±0.1	±0.1
Φ4.7×0.61	4.7	0.61	2.5	10.0	±0.1	±0.1
Φ5×1	5	1	2.0	8.0	±0.1	±0.1
Φ6×1	6	1	2.0	8.0	±0.1	±0.1
Φ6×1.5	6	1.5	2.0	8.0	±0.1	±0.1
Φ7×1	7	1	2.0	8.0	±0.1	±0.1
Φ8×1	8	1	2.0	8.0	±0.1	±0.1
Φ8×1.5	8	1.5	2.1	8.5	±0.15	±0.1
Φ9×1.5	9	1.5	2.0	8.0	±0.15	±0.1
Φ10×1	10	1	1.9	7.5	±0.15	±0.1
Φ10×1.25	10	1.25	2.1	8.3	±0.15	±0.1
Φ10×1.5	10	1.5	2.1	8.5	±0.15	±0.1
Φ12×1.25	12	1.25	2.1	8.2	±0.15	±0.1
Φ12×1.5	12	1.5	2.1	8.4	±0.15	±0.1
Φ14×1	14	1	1.9	7.7	±0.15	±0.15
Φ14×1.5	14	1.5	2.0	8.0	±0.15	±0.15
Φ15×1	15	1	1.8	7.5	±0.15	±0.15
Φ15×1.5	15	1.5	1.9	7.8	±0.15	±0.15
Φ16×1.5	16	1.5	2.0	8.2	±0.15	±0.15
Φ18×1	18	1	1.0	4.25	±0.15	±0.15
Φ18×1.25	18	1.25	1.4	5.5	±0.15	±0.15
Φ18×1.5	18	1.5	1.7	6.8	±0.15	±0.15
Φ19×1.5	19	1.5	1.5	6.3	±0.15	±0.15
Φ20×2	20	2	1.6	6.5	±0.15	±0.15
Φ22×1.5	22	1.5	1.3	5.3	±0.15	±0.15
Φ25×1.5	25	1.5	1.0	4.2	±0.15	±0.15
Φ28×1.5	28	1.5	0.8	3.2	±0.15	±0.15
Φ35×1.5	35	1.5	0.4	1.8	±0.15	±0.15
Φ40×2	40	2	0.4	1.6	±0.15	±0.15
Φ45×2.5	45	2.5	0.45	1.8	±0.18	±0.15
Φ51×2.5	51	2.5	0.4	1.6	±0.18	±0.15
Φ64×3	64	3	0.4	1.6	±0.2	±0.2
Φ76×3	76	3	0.35	1.4	±0.2	±0.2
Φ80×3	80	3	0.3	1.2	±0.25	±0.2

注：表中未注明的规格型号可根据用户要求加工生产



纤维增强尼龙弹性体树脂管 **(XPU)**

Fiber-reinforced nylon elastomer resin hose (XPU)



超高压钢丝缠绕树脂管

Supervoltage steel wire spiraled resin hose



钢丝增强尼龙弹性体树脂管 **(GPU)**

Steel-reinforced nylon elastomer resin hose (GPU)

纤维增强尼龙弹性体树脂管 **(XPU)**

因其耐高压、抗静电、耐高温、耐磨、耐油及多种化学试剂和抗老化、使用寿命长等特点，在各个行业用途非常广泛。

※ 汽车的压力制动系统；

※ 汽车的动力转向系统；

※ 汽车的制动管道控制系统；

※ 变速箱控制系统；

※ 工程机械，如：挖掘机、装载机、起重机的液压输送系统及液压控制系统；

※ 机械加工设备的液压操作和液压控制系统；

※ 高压喷漆用管；

※ 液体树脂输送用管。

钢丝增强尼龙弹性体树脂管 **(GPU)**

主要应用于汽车工业，工程机械，起重运输机械的高压输送及液体传动，具有良好的耐油、耐热及耐老化性能，承受压力高，脉冲性能优良，可作为高压喷漆、高压清洗机专用管。

Fiber-reinforced nylon elastomer resin hose

Because of high pressure, high temperature, oil and wear resistant, anti-static and many kinds of chemical reagents, also anti-aging and long-life characteristics, the hose is used widely 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, cranes;
6. Hydraulic operation and hydraulic control system of machining equipment;
7. High pressure paint spray hose; 8. Liquid resin pipeline.

Steel-reinforced nylon elastomer resin hose

The hose mainly applies 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.

增强尼龙弹性体树脂管技术参数

Reinforced Nylon Elastomer Resin Hose Technical Parameter

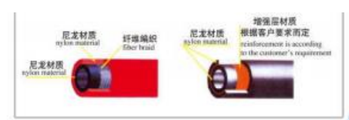
公称内径	增强	外径 mm GPU 型	外径 mm XPU 型	允许工作压力 MPa GPU 型	允许工作压力 MPa XPU 型	最小爆破压力 MPa GPU 型	最小爆破压力 MPa XPU 型	最小弯曲半径mm GPU 型	最小弯曲半径mm XPU 型
4	Ⅰ	8.6	8.3	40	22	152	80	85	55
	Ⅱ	10.5	9.2	53	28	168	100		
6	Ⅰ	11.5	10.5	31	20	124	45.2	100	70
	Ⅱ	12.8	12	42	26	156	64		
	Ⅲ	14	13.5	47	32	172	80		
8	Ⅰ	13	12.8	26	19	112	32.8	115	85
	Ⅱ	14.5	14	38	24	160	49		
	Ⅲ	15.5	15.5	50	30	180	60		
10	Ⅰ	15	15	26	18	88	28	125	95
	Ⅱ	16.5	16.5	30	22	106	44		
	Ⅲ	18	18	35	26	114	52		
12	Ⅰ	20	19.5	18	16	72	27.2	180	120
	Ⅱ	22.5	21	26	20	108	40		
	Ⅲ	24.5	23	30	24	120	48		
16	Ⅰ	23.5	23.5	14	12	56	20	205	150
	Ⅱ	26	25.5	19	14.5	88	32		
	Ⅲ	28	27.5	25	17	96	40		
19	Ⅰ	27.5	27	15	10	44	16	240	170
	Ⅱ	29.5	29	24	13	72	30.4		
	Ⅲ	31.5	31	28	16	80	35.2		
22	Ⅰ	30.5	30	13	8	44	15.2	260	200
	Ⅱ	32.5	32	16	12	52	28.8		
	Ⅲ	34.5	34	20	14	60	36.8		
25	Ⅰ	34	34	12	6	31	14.8	300	270
	Ⅱ	36	36	15	9	42	27.6		
	Ⅲ	39	38.5	18	12	64	31.2		
32	Ⅰ	43	43	11	4.5	32	10.4	350	310
	Ⅱ	46	46	12	6	44	18		
	Ⅲ	49	48.5	15	7.5	52	21.2		

注：钢丝增强尼龙弹性体软管（**GPU**） 纤维增强尼龙弹性体软管（**XPU**）

复合尼龙管 Complex Nylon Hose

多层复合尼龙管内外层采用**PA11**或 **PA12** 为材料，中间采用聚酯线加强，经复合挤出制成。产品符合**SAEJ844 B** 型标准要求，除了具有单层尼龙管的各种性能优点外，特别是爆破压力、抗磨性能大大提高，因此产品更安全更可靠。广泛适用于汽车、工程机械的制动系统、燃油系统管路。

Multi-layer complex internal and external layer of nylon used for the PA11 or PA12 materials, intermediate use of polyester-strengthened, made out of the compound. Products meet SAEJ844 B-type standard requirements, in addition to single-layer nylon performance of the various advantages, especially the burst pressure, anti-wear performance of the increase, more reliable product more secure. Wider application in the automotive, the braking system of construction machinery, fuel system piping.



胶管快速接头

Quick Coupling Assembly ofRubber Hose




















胶管快速接头
Quick Coupling Assembly of Rubber Hose


A Type


B Type


C Type


D Type


E Type


F Type


DC Type


DP Type


KJA cap


KJB Type





法兰系列
Flange Series









高、中、低压由壬
High-middle-low Pressure Union



402 型 /Figure 402

402 型 黑色螺母，黑色接头件
只有 2 英寸一种型号——带丁腈橡胶密封环。

Figure 402, black nuts and connecting parts are used.
Only the 2"type is available-with nitrile-butadiene rubber seal ring.



602 型 /Figure 602

装有弹性丁腈橡胶密封环，用于密封并保护由壬钢对钢的配合。
推荐用于歧管管线连接、车载及泥浆输送场合，可用于无压密封由壬。采用对焊 Sch.80。

With resilient nitrile-butadiene rubber seal ring, this figure is used for sealing and protecting the steel-to-steel match.
It is recommended for the connection of manifold and pipe and truck-mounted application and mud delivery. It may be used as pressureless seal union with butt weld Sch.80.



1502 型 /Figure 1502

配有可更换的弹性丁腈橡胶密封环，坚固壁厚设计用于高压系统。
推荐用于注水泥、压裂、酸化、测试及堵塞和压井管线，也可用于无压密封连接。采用对焊 Sch.XXH。

It is equipped with replaceable flexible NBR seal ring, and sturdy wall thickness is designed for high-pressure system.
It is recommended for cementing, fracturing, acidizing, testing, and blocking well pipeline, can also be used for non-pressure sealed connection. It may be used as pressure seal union with butt weld Sch. XXH.

由壬规格及参考尺寸 Specification and reference dimensions of union

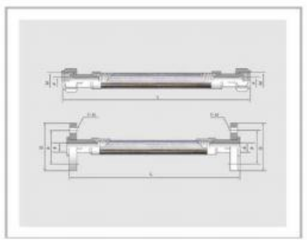
标称管道尺寸 Nominal Pipe Size		总 长 Total Length		锥口孔 Prick Bore		螺母半径 Nut Radius		材料 Materials		重量 Weight	
								螺母 Nut	零件 Part		
Inch	mm	Inch	mm	Inch	mm	Inch	mm			ibs	kgs
1 1/2	38.1	5-13/32	137.0	1/4	6.4	3 21/32	93.0	SF	SF	12.0	5.4
2	50.8	7	177.8	15/64	6.0	3 3/4	95.3	SF	SF	21.0	9.5
3	76.2	7-5/8	193.7	3/8	9.5	4 1/2	114.3	SF	SF	31.0	14.1

1502型 1500PSI NSCWP，测试压力 22500PSI 黑色螺母，绿色零件。
For figure 1502, 1500PSI NSCWP, test pressure at 22500PSI with black nut and green parts.

金属软管系列

Flexible Metal Hose Series







不锈钢耐压金属软管是由不锈钢波纹管外编一层或多层钢丝或钢带网套，两端以接头或法兰连接，用于输送各种介质的柔性元件 。其特点是：耐腐蚀、耐高温、耐低温（-196℃~ +420℃） 、重量轻、体积小、柔软性好。广泛用于航空、航天、石油、化工、冶金、电力、造纸、木材、纺织、建筑、医药、食品、烟草、交通等行业。

执行标准：GB/T14525-2010

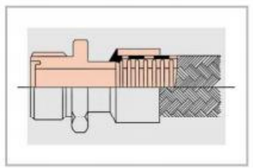
The stainless steel pressure resistance metal hose, made of stainless steel corrugated hose braided with a ply or multiply steel wire or steel band network, with a joint or fiange on each end, is a kind of fiexible element used piping all kinds of mediums. With its features of corrosion resistance, resistance to high temperature, low temperature resistance (-196℃~ +420℃), light weight, small volume, and good fiexibleness, it is widely used in aviation, spacefiight, petroleum, chemical industry, metallurgy, electric power, paper making, lumber, textile industry, architecture, medicine, food, tobacoo, communication and so on.

Executive Standard:GB/T14525-2010

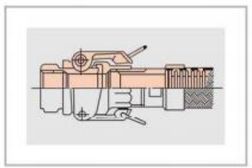
环形波软管性能参数表

Annular Wave Hose Performance Parameters Table

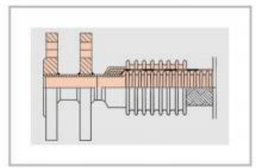
软管内径 ID		软管外径 OD		弯曲半径 Bend Radius	工作压力 W.P	重量 Weight	
		主管体 Tube	编织层 Braid Reinforcement			主管体 Tube	编织层 Braid Reinforcement
Inch	mm	mm	mm	mm	Mpa	Kg/m	Kg/m
1/2	14	20	22	120	7.5	0.21	0.25
5/8	16	23	25	150	6.4	0.26	0.30
3/4	20	28	30	180	5.0	0.35	0.35
1	25	35	37	280	4.0	0.47	0.4
1-1/4	32	43	45	340	3.5	0.51	0.5
1-1/2	40	51	53	450	3.0	0.70	0.6
2	50	62	64	550	2.5	0.85	0.9
2-1/2	65	79	82	650	2.0	1.41	1.3
3	80	97	100	800	2.0	1.62	1.8
4	100	122	125	1000	1.6	2.00	2.0
5	125	151	155	1200	1.5	3.30	3.0
6	150	180	184	1500	1.5	4.30	4.0
7	175	210	215	1750	1.2	5.80	4.5
8	200	240	245	2000	1.2	7.00	5.0
10	250	298	303	2200	1.6	10.6	16.0 (2)
12	300	360	365	2500	1.6	13.0	20.0 (2)
14	350	410	415	3000	1.6	20.0	25.0 (2)
16	400	460	465	3500	1.6	24.0	30.0 (2)
18	450	520	525	4000	1.6	30.0	40.0 (2)
20	500	570	575	4500	1.6	36.0	50.0 (2)
24	600	670	675	5500	1.6	55.0	70.0 (2)



外螺纹榫槽联接型
Male thread tongue and groove joint



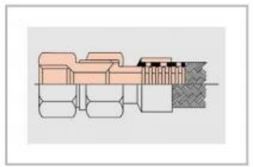
扳把式快速接头型
Handgrip quick joint



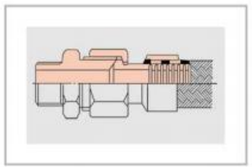
吹氢专用型
Special hydrogen-blowing type



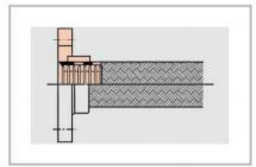
伸缩式汽车专用挠性软管
Extensible automobile special fiexible hose



球头螺母内锥管螺纹联接型
Ball nut internal taper pipe thread connection



球头螺母外锥管螺纹联接型
Ball nut external taper pipe thread connection



无接管法兰联接型
No-pipe connecting fiange connection







螺旋形软管性能参数表

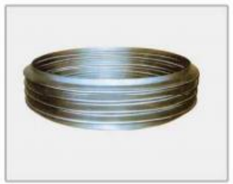
Spiral Corrugated Hose Performance Parameters Table

软管内径 ID		软管外径 OD		弯曲半径 Bend Radius	工作压力 W.P	重量 Weight	
		主管体 Tube	编织层 Braid Reinforcement			主管体 Tube	编织层 Braid Reinforcement
Inch	mm	mm	mm	mm	Mpa	Kg/m	Kg/m
1/4	6.3	9.0	10.5	150	6.4	0.06	0.10
5/16	7.9	10.9	12.5	160	6.4	0.08	0.12
3/8	10.8	15.2	16.8	180	5.0	0.13	0.15
1/2	13.4	18.5	20.0	240	4.0	0.17	0.20
5/8	16.0	21.5	23.0	300	3.5	0.20	0.25
3/4	19.1	25.6	27.2	340	3.0	0.24	0.30
1	25.4	32.6	34.2	400	2.5	0.38	0.40
1-1/4	32.9	40.6	42.2	480	2.5	0.48	0.50
1-1/2	39.3	47.6	50.2	600	2.5	0.50	0.60
2	50.8	61.5	63.5	780	2.5	0.88	0.90



波纹补偿器系列

Bellows Expansion Joints



波纹元件
Ripple elements



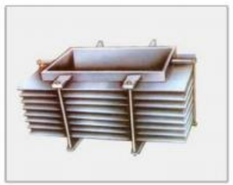
复式补偿器
Multiple compensator



弯管压力平衡式补偿器
Elbow pressure balance compensator



单式铰链型9DJ）补偿器
Single hinge compensator



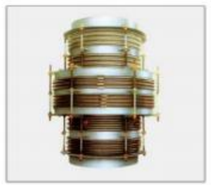
矩形补偿器
Square compensator



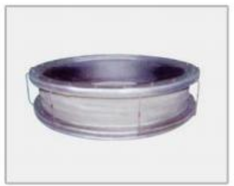
旁通压力平衡式补偿器
By-pass pressure balance compensator



复式拉杆型补偿器
Multiple drag compensator



直管压力平衡式补偿器
Straight-pipe pressure balance compensator



圆截面非金属补偿器
Roun d sec tion nonmeta lcompensator



大拉杆横向补偿器
B g dag transverse compensator



单式铰链型补偿器
Sing le hinge compensator



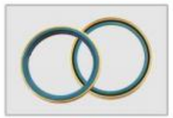
铰链式补偿器
W nh ch a n compensator

橡胶制品系列 Rubber Product Series

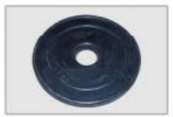
FK 型防尘圈、**GY** 型密封圈、**FS** 防尘封、**GK**型双唇密封、**AF**由 **TPU**、**NBR**制造，满足于液压，气动设备严格的密封要求。

Seal FK, seal GY, seal FS, seal Gk with two lips. AF is made of TPU and NBR, used for very strict sealing of the hydraulic and pneumatic equipment.









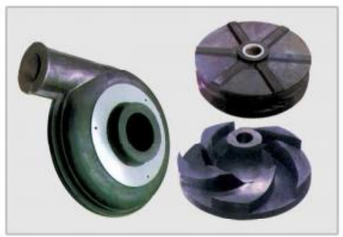














注 意 事 项

（一） 胶管使用注意事项

由于胶管品种复杂，结构多样，加之使用条件不一，因此胶管使用寿命长短，不仅决定于质量的好坏，同时也决定于正确使用保养。所以即使产品有极高的质量，如不能正确地使用和保养，也会严重影响其使用质量和寿命，甚至发生不应有的严重事故，对财物造成损失。现提供以下几点使用注意事项：

1、胶管及胶管总成只能用于输送所设计的物料，否则会减少使用寿命或失效。

2、正确使用胶管的长度，胶管在高的压力下长度发生变化（-4%～+2%）以及机械运动引起的长度变化。

3、胶管及胶管总成不应在超过设计工作压力的压力（包括冲击压力）下使用。

4、胶管及胶管总成所输送的介质温度正常情况下，不应超过-40℃~ +120℃，否则会减少使用寿命。

5、胶管及胶管总成不应在小于胶管最小弯曲半径下使用，避免在靠近管接头处发生弯曲或折曲，否则会阻碍液压传递及输送物料或损坏胶管组合件。

6、胶管及胶管总成，不应在扭转状态下使用。

7、胶管及胶管总成应小心搬运，不应在锋利和粗糙的表面上拖拽，不应折曲和压扁。

8、胶管及胶管总成应保持清洁，内部应冲洗干净（特别是输酸管、喷雾管、灰浆管）。防止外来物体进入管腔，阻碍输送流体，损坏设备。

9、超过服役期限或贮存期的胶管及胶管总成要进行实验鉴定后方可继续使用。

（二）胶管运输和贮存注意事项：

1．胶管运输

胶管在装卸过程中，应注意如下几点，软管在装卸过程中，要做到轻装轻卸。

软管需分类卷（条）整齐装运，要避免管体过度弯曲的打折，并不应在软管上堆压其它重物。

严禁将软管与酸、碱、油类及有机溶剂、易燃易爆物品混装；管体不应与带有尖刃的货物直接接触。

对于需平直运输的软管，当长度超出装载车厢时，其超长部分应以托架支撑，以防软管在地面上拖擦受损。

软管若因故需在露天（或车间码头）暂时停放时，场地必须平整，软管要整齐平放，并做到下垫上盖，不堆压重物；同时，软管不能与热源接触。

搬运软管时，不应随地拖拉，对重型软管应采用起重设备或专用机具装卸，并防止软管受到意外损伤。

2．软管贮存

（1）存放软管的库房，应保持清洁、通风，相对湿度在80%以下，库房内的温度应保持在－15℃~ +40℃之间，并避免软管受阳光直射和雨雪浸淋。

（2）软管贮存时，应根据不同的品种规格分别放置，不要混杂堆放，并标示牌以便存取。

（3）软管尽可能在松弛状态下存放，一般对内径在76mm以下的软管，可盘卷存放（但盘内径应不小于软管内径的15倍）。

（4）为了防止软管贮存时管体受压变形，堆垛不宜过高，一般垛高不应超过1.5m；并要求软管在贮存期间经常“倒垛”，一般每季度不少于一次。

（5）软管贮存时，不应与酸、碱、油类及有机溶剂或其它腐蚀性液体、气体接触；并应离热源于1m以外。

（6）软管在贮存期间，管体上严禁堆放重物，并防止外界挤压和受损。

（7）软管贮存期间，一般不应超过两年，并应做到先入库者先使用，以防因贮存过久而影响软管质量。

（三）订货注意事项

1．根据实际使用要求，如输送介质温度、浓度、工作压力、使用环境等条件正确选用胶管品种和规格以及型号。

2．一般胶管请按照产品目录订货。

3．目录未列入的品种和规格及有特殊技术性能要求的胶管，经双方协商试制和制造。

4．产品规格表中的压力与层数对应的一栏，是以压力为主，层数作为参考。

5．特殊胶管的生产长度，可根据用户要求量身订做。

Precaution

i. Precautions for Using Hose

The rubber hose has plenty varieties and structures, and the service conditions are different, so the service life of rubber hose does not only depend on its quality, but also the proper use and maintenance. Therefore, even though the product has high quality, if it could not be used and maintained properly, the use quality and service life would be affected badly, even undue serious accident may occur that causes loss of properties. Several precautions for use are provided as follows:

1. The rubber hose and rubber hose assemblies can only be used to convey the designed materials, or the service life may be decreased or they may fail to work.

2. Properly use the length of rubber hose, for the length of rubber hose may be changed under high pressure (-4%-+2%) and by mechanical movements.

3. The rubber hose and rubber hose assemblies should not be used under the pressure higher than designed working pressure (including impact pressure).

4. Under the normal circumstances, the temperature of medium conveyed by the rubber hose and rubber hose assemblies should not be out of the range of -40℃ ~+120℃ , or the service life may be decreased.

5. The rubber hose and rubber hose assemblies should not be used when smaller than minimum bending radius of rubber hose. Bending or fiex should be avoided near the joint, otherwise, the hydraulic transmission and material conveyance may be obstructed or the rubber hose composite member may be damaged.

6. The rubber hose and rubber hose assemblies should not be used when they are twisted.

7. The rubber hose and rubber hose assemblies should be carried carefully, no drag and drop on the sharp-edged and rough surfaces are allowed, and they should not be bended and fiattened.

8. The rubber hose and rubber hose assemblies should be kept clean and the interior should be fiushed (especially the acid conveying rubber hose, spray hose and mortar hose). Foreign bodies should be prevented from entering the hose so as not to obstruct fluid conveyance and damage the equipment.

9. The rubber hose and rubber hose assemblies exceeding the service life or shelf life can only be used after being evaluated by test.

ii. Precautions for Transport and Storage of Rubber Hose

1. Transport of Rubber Hose

Attention should be paid to the following points when loading and unloading the rubber hose:

Load and unload the hose gently.

The hose should be shipped neatly by classification, excessive bending of the hose should be avoided and no other heavy object should be piled on the hose.

It is forbidden to mix the hose with acid, alkali, oil and organic solvent and infiammable and explosive items; the hose should not touch with and explosive items; the hose should not touch with the goods with sharp edge directly.

As for the hose needed to be transported straightly, in case that the length is longer than the carriage, the exceeding part should be supported by bracket so as to prevent the hose from damage due to dragging and rubbing against the ground.

If it is necessary to place the hose in the open air (or workshops and dock) temporarily, the site should be fiat and level, the hose should be laid fiat and neatly with the cushion on the ground and cover on the top. No heavy object is piled on the hose; and the hose should not touch with heat source.

When carrying the hose, no drag is allowed. As for the heavy hose, lifting appliance or special tools should be adopted, and accidental damage to hose should be avoided.

2. Storage of Hose

(1) The storehouse for storing hose should be kept clean and ventilated, of which the relative humidity should be lower than 80% and the temperature inside should be kept within the range of-15~+40℃ . And the direct sunlight and leaching and drenching by snow and rain should be avoided.

(2) When storing the hose, they should be placed separately in accordance with different varieties and specifications, and marked with nameplate so as to access easily.

(3) The hose should be stored as loosely as possible, in general, the hose with the inner diameter of being smaller than 76mm could be coiled in storage (but the inner diameter of spool should not be less than 15 times of that of hose).

(4) In order to prevent deformation of hose due to squeeze in storage, the stacking should not be too high, and in general, the stacking should not be higher than 1.5m; (stack transfer力 of hose in storage is required and at least one stack transfer is required every quarter.

(5) During storage of hose, the hose should not touch with the acid, alkali, oil and organic solvent or other corrosive liquid and gas and should be 1m far away from the heat source.

(6) During storage of hose, no heavy object is allowed to be piled on the hose and external squeeze and damage should be avoided.

(7) In general, the storage period of hose should not be more than two years. And the early stored hoses should be used first so as not to affect the quality of hose due to excessive storage period.

iii. Precautions for Ordering

1. Correctly select the variety, specification and model of rubber hose in accordance with the actual use requirements like temperature and concentration of conveyed mediums, and conditions like working pressure and use environment.

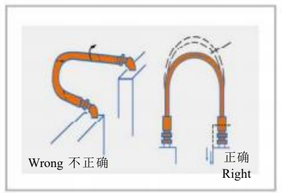
2. The general rubber hose should be ordered in accordance with the product catalog.

3. The pilot production and manufacture of rubber hose, of which the variety and specification are not listed in the catalog and there are special technology and performance requirements, could be conducted after negotiation between the both parties.

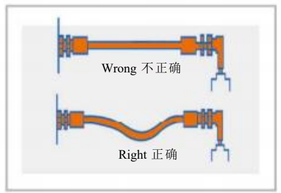
4. The column corresponding to the pressure and number of layers in product specification table takes the pressure as the main item and the number of layers as reference.

5. The length of special rubber hose could be manufactured in accordance with customer's requirements.

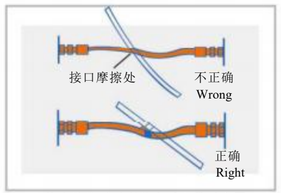
安装示意图 Installation Diagram



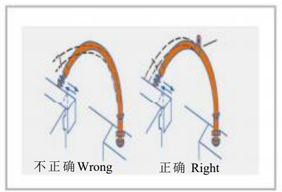
胶管两端相对运动时胶管安装示意图
Rubber hose installation diagram when
both ends move relatively



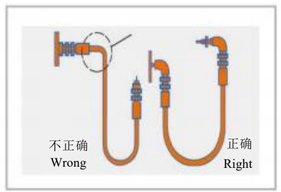
胶管的装配示意图
Rubber hose assembly diagram



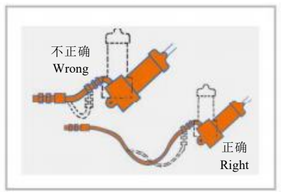
管体直接接触时配装合适夹具示意图
Equipped with appropriate fixture diagram
when hose body contact directly



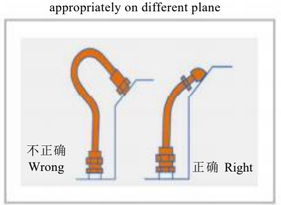
胶管两端在不同平面上使用适当固定
Both ends of rubber hose are fixed
appropriately on different plane



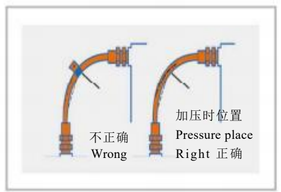
胶管接头的正确使用示意图
Correct usage of rubber hose fitting diagram



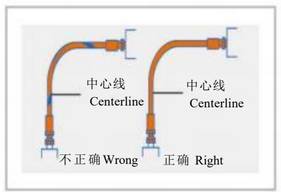
胶管弯曲半径的最大限度示意图
Maximum bend radius of rubber hose diagram



胶管长度的正确选取
Correct selection of the length of rubber hose



胶管弯曲半径的正确取定
Rubber hose bending installation diagram



胶管弯曲安装示意图
Contact friction place

营销网络图 Network chart of marketing

效率成就品牌
诚信铸就未来

