



衡水佰力橡胶制品有限公司
HENGSHUI BAILI HOSE CO.,LTD.

创新无限
信誉永恒

铭记历史与光荣，留下一代人为古和共，这是高难为奇之是也。
见其崛起与辉煌，令人，傲骨仍存者，是也。夫者，与古也。故有于古为神，
永载梦想与前行，后人，信来于，成就丰碑。
信力人向卓越迈进，和谱定鼎的巨幅，不断前进……

佰 **B** 力

大智有行，诚信有道

大智有行 诚信有道

诚信为本·客户至上



→ 企业简介 INTRODUCTION COMPANY

衡水佰力橡胶制品有限公司，地处华北平原腹地，与北京、天津、石家庄毗邻，石德线、京九线贯通东西南北，距天津港口200公里交通十分便利。公司拥有员工300多人，技术人员20多人。是一家专业生产高压编织胶管、高压缠绕胶管、金属软管、铁氟龙管、蒸汽管及相关机械设备的公司。

公司拥有先进的生产与检测设备、拥有雄厚的技术实力、健全的管理体系和完善的质量保证体系。主要生产液压胶管系列产品，如钢丝编织胶管(美标、德标)、钢丝缠绕胶管(美标、德标)及金属软管、铁氟龙管、加油机管和接头等产品。一直以来我们以优秀的产品质量、优越售后服务、合理的产品价格不断扩大产品的市场占有率，并得到了客户的一致好评。我们的产品已广泛应用于矿山、冶金、石油、工程机械及化工等领域。产品不仅已遍布全国各地并出口英、美、德、日、韩、俄罗斯、印尼、马来西亚等20多个国家和地区。

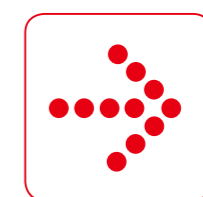
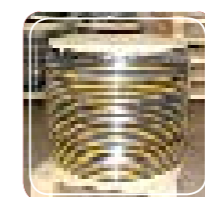
“质量第一，服务至上”是我公司的一贯宗旨，我们将以科学的管理、精湛的技术、优质的产品，竭诚为广大国内外客户服务。

Baili Hose CO., LTD. located at Hebei Province, the centre of north China, 200 km away from Tianjin Port. Our company is specialized in manufacturing steel wire braid hydraulic hose, steel wire spiral hydraulic hose, metal hose, teflon hose, steam hose and relevant machines and equipment. At present, our company have more than 300 employees and about 20 technicians.

Our company has advanced equipment of production, test and inspection, advanced technology, well-built system of management and quality assurance. Our main products include series of hydraulic rubber hoses, such as steel wire braid hoses (American standard, or German standard), steel wire spiral hoses (American standard, or German standard), metal hoses, teflon hoses, refuel hoses and hose couplings. Our market share is increasing constantly based on reliable quality, reasonable price and great service. Our products are widely applied in mining, metallurgy, petroleum, engineering mechanism and chemistry. Now our products are widely welcomed by many foreign countries worldwide, such as UK, USA, Germany, Japan, Korea, Indonesia and Malaysia.

Quality first, the great services is our concept. We will keep on servicing our customers sincerely with improving management, technology and products.

>>>>>>>>>



企业荣誉

自我超越 共创辉煌
CORPORATE AWARDS



诚铸品牌
德报社会

胶管使用技术说明

胶管质量因素:

1、胶管尺寸: 胶管内径要适当, 管径过小会加大管内介质的流速, 使系统发热, 降低效率, 而且会产生过大的压力, 影响整个系统的性能。若胶管采用管夹固定或胶管穿过钢板等间隔物时, 也要注意胶管的外径尺寸。

2、工作压力: 资料中有关胶管的动态工作压力是指胶管在连续工作时允许的最高压力, 按照有关标准规定的液压胶管安全系数, 我们推荐的工作压力通常为胶管最低爆破压力值的1/4。

3、冲击压力和疲劳寿命: 胶管的选择是根据液压系统设计的最高压力值确定的, 由于液压系统的压力值通常是动态的, 有时会出现冲击压力, 冲击压力峰值会瞬间高出系统的最高压力值, 但系统上一般都有溢流阀, 故冲击压力不会严重影响胶管的抗疲劳寿命, 对于冲击压力特别频繁的液压系统, 建议选用特别耐脉动冲击的胶管产品。

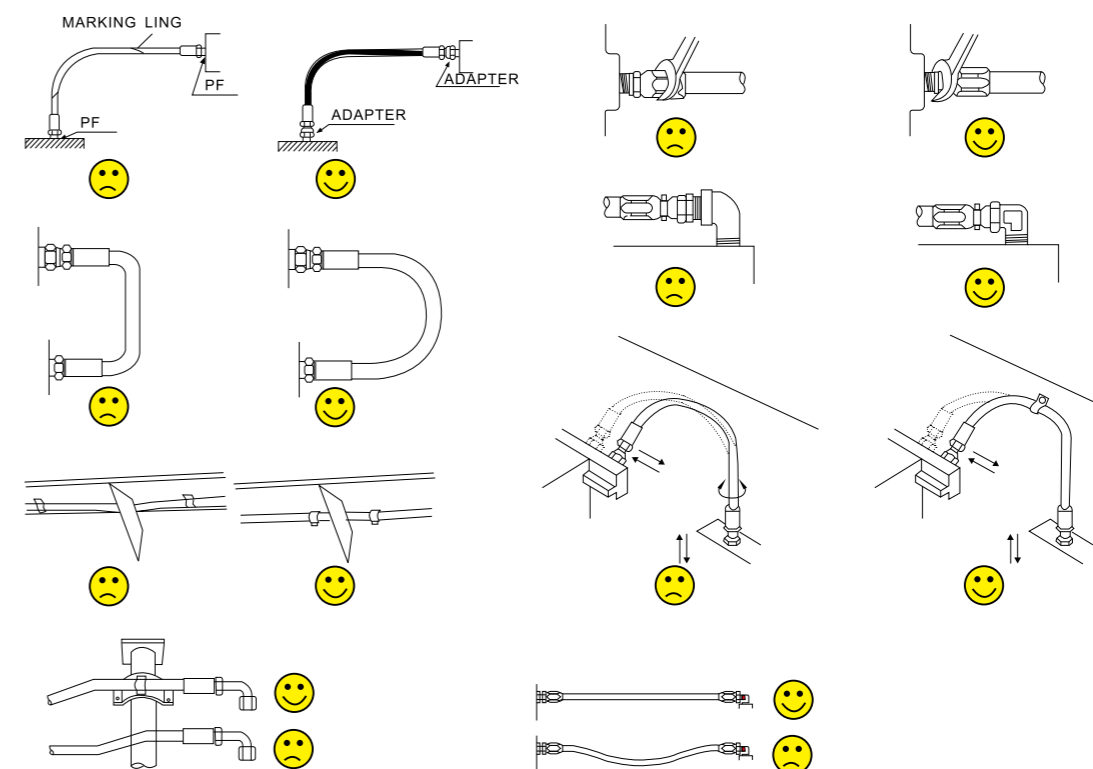
4、温度范围: 用户应该在胶管温度规范所允许的范围内正确使用, 工作环境温度超过规范要求, 其承压能力会逐渐降低, 进而影响到胶管的使用寿命。如果系统长期处于过高或过低的工作环境温度, 我们建议采用铠装软管。

5、化学相容性: 若胶管通过特殊的介质, 用户应确保所选用的胶管总成其内、外、胶层, 接头及O型密封圈都与介质相容。

6、弯曲半径: 安装胶管总成时应注意到胶管的最小弯曲半径, 若弯曲半径过小, 将会降低胶管的承压能力并影响其使用寿命。

7、摩擦: 如果胶管在使用时经常与硬物接触或摩擦, 建议在胶管外部加装护套。

软管总成装卸示意图:



说明: 在目录以外的其他品种和规格, 可根据客户要求协调设计制造。

NOTED: Other kinds of products can be produced according to customers' request.

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钢丝编织液压胶管

WIRE BRAID HYDRAULIC HOSE

SAE100R1 AT / DIN EN 853 1SN

内胶层: 耐油合成橡胶

增强层: 一层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

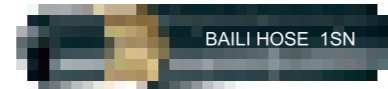
温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: one high tensile steel wire braid

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



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
3/6	4.8	9.5	11.8	25.0	3630	100	14280	90	0.19
1/4	6.4	11.1	13.4	22.5	3270	90	12840	100	0.21
5/16	7.9	12.7	15.0	21.5	3120	85	12280	115	0.24
3/8	9.5	15.1	17.4	18.0	2610	72	10280	130	0.33
1/2	12.7	18.3	20.6	16.0	2320	64	9180	180	0.41
5/8	15.9	21.4	23.7	13.0	1890	52	7420	200	0.45
3/4	19.0	25.4	27.7	10.5	1530	42	6000	240	0.58
1	25.4	33.3	35.6	8.8	1280	35	5020	300	0.88
1-1/4	31.8	40.5	43.5	6.3	920	25	3600	420	1.23
1-1/2	38.1	46.8	50.6	5.0	730	20	2860	500	1.51
2	50.8	60.2	64.0	4.0	580	16	2280	630	1.97

SAE100R2 AT / DIN EN 853 2SN

内胶层: 耐油合成橡胶

增强层: 两层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

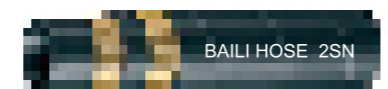
温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: two high tensile steel wire braids

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



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	mm	mm	kg/m
3/16	4.8	11.1	13.4	41.4	6000	165	23720	90	0.31
1/4	6.4	12.7	15.0	40.0	5800	160	22840	100	0.33
5/16	7.9	14.3	16.6	36.0	5250	140	20000	115	0.39
3/8	9.5	16.7	19.0	33.1	4800	132	18840	130	0.50
1/2	12.7	19.8	22.2	27.6	4000	110	15720	180	0.59
5/8	15.9	23.0	25.4	25.0	3630	100	14280	200	0.71
3/4	19.0	27.0	29.3	21.5	3120	85	12280	240	0.86
1	25.4	34.9	38.0	16.5	2400	65	9420	300	1.28
1-1/4	31.8	44.5	48.3	12.5	1820	50	7140	420	2.02
1-1/2	38.1	50.8	54.6	9.0	1310	36	5140	500	2.23
2	50.8	63.5	67.3	8.0	1160	32	4560	630	2.85

SAE 100 R1 A/DIN EN 853 1ST

内胶层: 耐油合成橡胶

增强层: 一层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

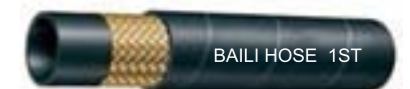
温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: one high tensile steel wire braid

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



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
	inch	mm	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
6	1/4	6.4	11.1	15.9	22.5	3270	90.0	12840	100	0.31
8	5/16	7.9	12.7	17.5	21.5	3120	85.0	12280	114	0.38
10	3/8	9.5	15.1	19.8	18.0	2615	72.0	10280	127	0.45
13	1/2	12.7	18.3	23.0	16.0	2320	64.0	9180	178	0.55
16	5/8	15.9	21.4	26.2	13.0	1890	52.0	7420	200	0.63
19	3/4	19.0	25.4	30.2	10.5	1530	42.0	6000	240	0.77
25	1	25.4	33.3	38.1	8.8	1280	35.0	5020	300	1.06
32	1-1/4	31.8	40.5	46.0	6.3	920	25.0	3600	419	1.45
38	1-1/2	38.1	46.8	52.4	5.0	730	20.0	2860	500	1.80
51	2	50.8	60.2	66.7	4.0	580	16.0	2280	630	2.30

SAE 100 R2 A/DIN EN 853 2ST

内胶层: 耐油合成橡胶

增强层: 两层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

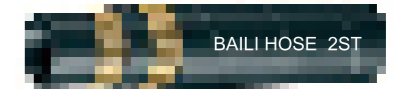
此类胶管扣压需剥外胶。

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: two high tensile steel wire layers

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



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
	inch	mm	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
6	1/4	6.4	12.7	17.5	40.0	5800	160.0	22840	100	0.42
8	5/16	7.9	14.3	19.1	36.0	5250	140.0	20000	114	0.51
10	3/8	9.5	16.7	21.4	33.1	4800	132.0	18840	127	0.60
13	1/2	12.7	19.8	24.6	27.6	4000	110.0	15720	178	0.74
16	5/8	15.9	23.0	27.8	25.0	3630	100.0	14280	200	0.86
19	3/4	19.0	27.0	31.8	21.5	3120	85.0	12280	240	1.04
25	1	25.4	34.9	39.7	16.5	2400	65.0	9420	300	1.42
32	1-1/4	31.8	44.5	50.8	12.5	1820	50.0	7140	419	2.23
38	1-1/2	38.1	50.8	57.2	9.0	1310	36.0	5140	500	2.74
51	2	50.8	63.5	69.9	8.0	1160	32.0	4560	630	3.50

钢丝编织液压胶管

WIRE BRAID HYDRAULIC HOSE

SAE100R1 AT / DIN EN 853 1SN

内胶层: 耐油合成橡胶

增强层: 一层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: one high tensile steel wire braid

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



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
3/6	4.8	9.5	11.8	25.0	3630	100	14280	90	0.19
1/4	6.4	11.1	13.4	22.5	3270	90	12840	100	0.21
5/16	7.9	12.7	15.0	21.5	3120	85	12280	115	0.24
3/8	9.5	15.1	17.4	18.0	2610	72	10280	130	0.33
1/2	12.7	18.3	20.6	16.0	2320	64	9180	180	0.41
5/8	15.9	21.4	23.7	13.0	1890	52	7420	200	0.45
3/4	19.0	25.4	27.7	10.5	1530	42	6000	240	0.58
1	25.4	33.3	35.6	8.8	1280	35	5020	300	0.88
1-1/4	31.8	40.5	43.5	6.3	920	25	3600	420	1.23
1-1/2	38.1	46.8	50.6	5.0	730	20	2860	500	1.51
2	50.8	60.2	64.0	4.0	580	16	2280	630	1.97

SAE100R2 AT / DIN EN 853 2SN

内胶层: 耐油合成橡胶

增强层: 两层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: two high tensile steel wire braids

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



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	mm	mm	kg/m
3/16	4.8	11.1	13.4	41.4	6000	165	23720	90	0.31
1/4	6.4	12.7	15.0	40.0	5800	160	22840	100	0.33
5/16	7.9	14.3	16.6	36.0	5250	140	20000	115	0.39
3/8	9.5	16.7	19.0	33.1	4800	132	18840	130	0.50
1/2	12.7	19.8	22.2	27.6	4000	110	15720	180	0.59
5/8	15.9	23.0	25.4	25.0	3630	100	14280	200	0.71
3/4	19.0	27.0	29.3	21.5	3120	85	12280	240	0.86
1	25.4	34.9	38.0	16.5	2400	65	9420	300	1.28
1-1/4	31.8	44.5	48.3	12.5	1820	50	7140	420	2.02
1-1/2	38.1	50.8	54.6	9.0	1310	36	5140	500	2.23
2	50.8	63.5	67.3	8.0	1160	32	4560	630	2.85

DIN-EN 857 1SC

内胶层: 耐油合成橡胶

增强层: 一层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

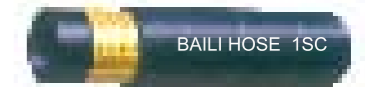
此种胶管具有比1SN/R1AT胶管还要小的外径，解决了某些设备管路安装空间紧凑，狭小所带来的不便。胶管扣压接头无须剥外胶。

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: one high tensile steel wire braid

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



通径 DN	胶管内径 Hose ID		胶管外径 HoseOD	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
6	1/4	6.4	12.5	30.0	4350	120	17400	75	0.14
8	5/16	7.9	14.0	27.5	3980	110	15950	80	0.20
10	3/8	9.5	16.5	22.5	3263	90	13050	90	0.26
13	1/2	12.7	19.8	20.0	2900	80	11600	127	0.35
16	5/8	15.9	23.0	15.0	2175	60	8700	153	0.48
19	3/4	19.0	26.7	15.0	2175	60	8700	180	0.60
25	1	25.4	34.9	11.0	1595	45	6525	230	0.90

DIN-EN 857 2SC

内胶层: 耐油合成橡胶

增强层: 两层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

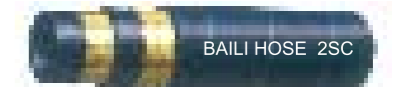
此种胶管具有比2SN/R2AT胶管还要小的外径，解决了某些设备管路安装空间紧凑，狭小所带来的不便。胶管扣压接头无须剥外胶。

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: two high tensile steel wire layers

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



通径 DN	胶管内径 Hose ID		胶管外径 HoseOD	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
6	1/4	6.4	14.2	45.0	6525	180	26100	75	0.28
8	5/16	7.9	16.0	40.0	5800	160	23200	85	0.36
10	3/8	9.5	18.3	37.5	5438	150	21750	90	0.41
13	1/2	12.7	21.5	31.0	4495	124	17980	130	0.59
16	5/8	15.9	24.7	30.0	4350	120	17400	170	0.63
19	3/4	19.0	28.6	28.7	4162	115	16675	200	0.80
25	1	25.4	36.6	22.5	3263	90	13050	250	1.17

SAE 100 R16

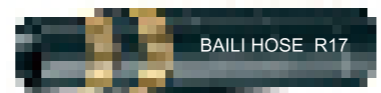
内胶层: 耐油合成橡胶
增强层: 两层高强度钢丝编织
外胶层: 耐摩擦、耐气候的合成橡胶
温度范围: -40℃至+100℃
INNER TUBE: oil resistant synthetic rubber
REINFORCEMENT: two high tensile steel wire braids
COVER: abrasion and weather resistant synthetic rubber
TEMPERATURE RANGE: -40℃to +100℃



口径 DN	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
6	1/4	6.4	13.4	34.5	5000	138	20000	50	0.27
8	5/16	7.9	15.0	29.3	4250	117	17000	55	0.35
10	3/8	9.5	17.4	27.5	4000	110	16000	65	0.42
13	1/2	12.7	20.6	24.0	3500	96	14000	90	0.52
16	5/8	15.9	23.8	19.0	2750	76	11000	100	0.63
19	3/4	19.0	27.8	15.5	2250	62	9000	120	0.81
25	1	25.4	35.9	13.8	2000	55	8000	150	1.17
32	1-1/4	31.8	43.6	11.2	1625	45	6500	210	1.49

SAE 100 R17

内胶层: 耐油合成橡胶
增强层: 一层或两层高强度钢丝编织
外胶层: 耐摩擦、耐气候的合成橡胶
温度范围: -40℃至+100℃
INNER TUBE: oil resistant synthetic rubber
REINFORCEMENT: one or two high tensile steel wire braid
COVER: abrasion and weather resistant synthetic rubber
TEMPERATURE RANGE: -40℃ to +100℃



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	6.3	12.7	22.5	3260	90.0	13040	51	0.22
5/16	8.0	15.0	21.0	3000	84.0	12000	60	0.27
3/8	9.5	16.5	21.0	3000	84.0	12000	64	0.34
1/2	12.7	20.8	21.0	3000	84.0	12000	89	0.42
5/8	15.9	24.7	25.0	3625	100.0	14500	102	0.51
3/4	19.0	28.6	21.5	3120	86.0	12480	122	0.63
1	25.4	36.6	20.7	3000	82.8	12000	152	1.00

钢丝缠绕液压胶管

MULTISPIRAL HYDRAULIC HOSE

EN856 4SP

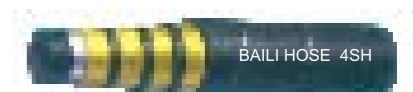
内胶层: 耐油合成橡胶
增强层: 四层高强度钢丝缠绕
外胶层: 耐摩擦、耐气候的合成橡胶
温度范围: -40℃至+100℃
INNER TUBE: oil resistant synthetic rubber
REINFORCEMENT: four spirals of high tensile steel wire
COVER: abrasion and weather resistant synthetic rubber
TEMPERATURE RANGE: -40℃ to +100℃



口径 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
	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

EN856 4SH

内胶层: 耐油合成橡胶
增强层: 四层高强度钢丝缠绕
外胶层: 耐摩擦、耐气候的合成橡胶
温度范围: -40℃至+100℃
INNER TUBE: oil resistant synthetic rubber
REINFORCEMENT: four spirals of high tensile steel wire
COVER: abrasion and weather resistant synthetic rubber
TEMPERATURE RANGE: -40℃ to +100℃



口径 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
	inch	mm	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
19	3/4	19.0	28.4	32	42.0	6000	168	24000	280	1.61
25	1	25.4	35.2	38.6	38.0	5500	152	22000	340	2.00
31	1-1/4	31.8	41.9	45.8	32.5	4700	130	18800	460	2.46
38	1-1/2	38.1	48.8	53.3	29.0	4200	116	16800	560	3.35
51	2	50.8	63.2	68.1	25.0	3600	100	14400	700	4.98

SAE 100 R12

内胶层: 耐油合成橡胶

增强层: 四层高强度钢丝缠绕

外胶层: 耐摩擦、耐气候的合成橡胶

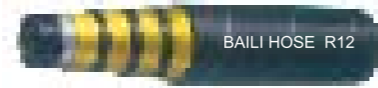
温度范围: -40°C至+125°C

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: four spirals of high tensile steel wire

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40°C to +125°C



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
	inch	mm	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
10	3/8	9.5	17.2	20.3	27.5	4000	110.3	16000	125	0.62
13	1/2	12.7	20.7	23.8	27.5	4000	110.3	16000	180	0.85
16	5/8	15.9	24.6	27.4	27.5	4000	110.3	16000	200	1.29
19	3/4	19.0	27.7	30.7	27.5	4000	110.3	16000	240	1.47
25	1	25.4	34.9	38.0	27.5	4000	110.3	16000	300	2.00
32	1-1/4	31.8	43.9	47.0	20.7	3000	82.7	12000	420	2.86
38	1-1/2	38.1	50.4	53.5	17.2	2500	68.9	10000	500	3.24
51	2	50.8	63.7	66.7	17.2	2500	68.9	10000	630	4.80

SAE 100 R13

内胶层: 耐油合成橡胶

增强层: 四层或六层高强度钢丝缠绕

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40°C至+125°C

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: four or six spirals of high tensile steel wire

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40°C to +125°C



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
	inch	mm	mm	mm	MPa	Psi	MPa	Psi	mm	kg/m
19	3/4	19.0	28.4	32.1	34.5	5000	138.0	20000	240	1.68
25	1	25.4	35.2	38.7	34.5	5000	138.0	20000	300	2.24
32	1-1/4	31.8	41.9	50.2	34.5	5000	138.0	20000	420	3.90
38	1-1/2	38.1	48.8	57.7	34.5	5000	138.0	20000	500	5.07
51	2	50.8	63.2	71.5	34.5	5000	138.0	20000	630	7.91

SAE 100 R15

内管层: 耐油合成橡胶

增强层: 四层或六层高强度钢丝缠绕

外胶层: 耐摩擦、耐气候的合成橡胶

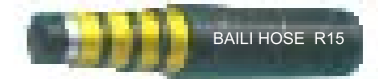
温度范围: -40°C至+125°C

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: four or six spirals of high tensile steel wire

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40°C to +125°C



通径 DN	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
10	3/8	9.5	23.3	41.4	6000	165.5	24000	153	0.75
13	1/2	12.7	26.8	41.4	6000	165.5	24000	203	0.89
19	3/4	19.0	36.1	41.4	6000	165.5	24000	267	1.56
25	1	25.4	42.9	41.4	6000	165.5	24000	330	2.10
32	1-1/4	32.0	51.5	41.4	6000	165.5	24000	445	3.65
38	1-1/2	38.0	59.6	41.4	6000	165.5	24000	533	5.00



纤维编织液化胶管

FIBRE BRAID HYDRAULIC HOSE

SAE 100 R3 / EN854 R3

内胶层: 耐油合成橡胶

增强层: 两层纤维编织

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: double high tensile fibre braids

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



通径 DN	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		MPa	Psi	MPa	Psi		
5	3/16	4.8	12.7	10.5	1520	42.0	6500	75	0.16
6	1/4	6.4	14.3	8.7	1350	34.8	5300	75	0.19
8	5/16	7.9	17.5	8.4	1300	33.6	5200	100	0.26
10	3/8	9.5	19.0	7.8	1200	31.2	4840	100	0.28
13	1/2	12.7	23.8	7.0	1080	28.0	4340	125	0.40
16	5/8	15.9	27.0	6.1	945	24.4	3780	140	0.55
19	3/4	19.0	31.8	5.2	800	20.8	3220	150	0.69
25	1	25.4	38.0	3.9	600	15.5	2420	205	0.82
32	1-1/4	31.8	44.4	2.6	400	10.4	1610	250	1.00

SAE 100 R4

内胶层: 耐油合成橡胶

增强层: 线编、螺旋镀铜钢丝

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: textile layers, zinc plated steel wire helix

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃

通径 DN	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		MPa	Psi			
19	3/4	19.0	34.9	2.10	315.0	8.4	127	0.75
25	1	25.4	41.3	1.70	255.0	6.8	152	0.93
32	1-1/4	31.8	50.8	1.40	210.0	5.6	203	1.25
38	1-1/2	38.1	57.2	1.05	157.5	4.2	254	1.54
51	2	50.8	69.9	0.70	105.0	2.8	305	2.00
63	2-1/2	63.5	82.6	0.40	60.0	1.6	356	2.50
76	3	76.2	95.3	0.40	60.0	1.6	457	3.20
89	3-1/2	88.9	108	0.30	45.0	1.2	533	4.03
102	4	101.6	121	0.25	37.5	1.0	610	5.04

SAE 100 R6 / EN 854 R6

内胶层: 耐油合成橡胶

增强层: 一层高强度纤维编织

外胶层: 耐摩擦、耐气候的合成橡胶

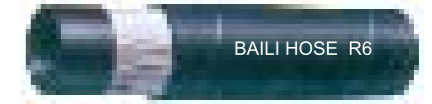
温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: one high tensile fibre braid

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



通径 DN	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		MPa	Psi	MPa	Psi		
5	3/16	4.8	11.1	3.4	500	13.8	2000	50	0.11
6	1/4	6.4	12.7	2.8	400	11.0	1600	65	0.15
8	5/16	7.9	14.3	2.8	400	11.0	1600	75	0.16
10	3/8	9.5	15.9	2.8	400	11.0	1600	75	0.18
13	1/2	12.7	19.8	2.8	400	11.0	1600	100	0.26
16	5/8	15.9	23.0	2.4	350	9.7	1400	125	0.29
19	3/4	19.0	26.6	2.1	300	8.3	1200	150	0.40

空气管 AIR HOSE

内胶层: 合成橡胶

增强层: 缠绕或编织纤维

外胶层: 合成橡胶

温度范围: -25℃至+70℃

INNER TUBE: synthetic rubber

REINFORCEMENT: spiral or braid fabric fibre

COVER: synthetic rubber

TEMPERATURE RANGE: -25℃ to +70℃



通径 DN	胶管内径 Hose ID		胶管外径 Hose OD		工作压力 Working Pressure		爆破压力 Burst Pressure		重量 Weight
	inch	mm	Min	Max	MPa	Psi	MPa	Psi	
1/4"	6.3	14.5	15.5	2.0	290	6	870	0.22	
5/16"	8	16.5	17.5	2.0	290	6	870	0.27	
3/8"	10	18.0	19.0	2.0	290	6	870	0.28	
1/2"	12.5	23.0	24.0	2.0	290	6	870	0.45	
5/8"	16	25.5	26.5	2.0	290	6	870	0.50	
3/4"	19	29.0	30.0	2.0	290	6	870	0.57	
7/8"	22	32.5	33.5	2.0	290	6	870	0.69	
1"	25	35.0	36.0	2.0	290	6	870	0.71	
1-1/4"	31.5	44.8	46.8	2.0	290	6	870	1.21	
1-1/2"	38	51.5	53.5	2.0	290	6	870	1.54	
1-3/4"	45	58.5	60.5	2.0	290	6	870	1.79	
2"	51	65.0	67.0	2.0	290	6	870	1.82	
2-1/2"	63	78.5	80.5	2.0	290	6	870	2.48	

钢丝编织外覆织物软管 WIRE BRAID TEXTILE COVERED HOSE

SAE 100 R5

内胶层: 耐油合成橡胶

增强层: 一层高强度钢丝编织

外胶层: 纤维编织的保护层

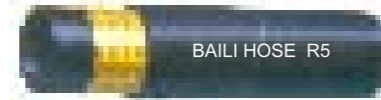
温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: one high tensile steel wire braid

COVER : impregnated textile braid (1T/B)

TEMPERATURE RANGE: -40℃ to +100℃



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	13.2	20.7	3000	82.7	12000	76	0.24
1/4	6.4	14.8	20.7	3000	82.7	12000	86	0.29
5/16	7.9	17.1	15.5	2250	62.1	9000	102	0.36
13/32	10.3	19.5	13.8	2000	55.2	8000	117	0.48
1/2	12.7	23.4	12.1	1750	48.3	7000	140	0.55
5/8	15.9	27.4	10.3	1500	41.4	6000	165	0.65
7/8	22.2	31.4	5.5	800	22.1	3200	187	0.69
1-1/8	28.6	38.1	4.3	625	17.2	2500	229	0.84
1-3/8	35.0	44.4	3.4	500	13.8	2000	267	1.03
1-13/16	46.0	56.4	2.4	350	9.6	1400	337	1.26
2-3/8	60.5	73.0	2.4	350	9.6	1400	610	2.00
3	75.5	90.5	1.4	200	5.6	800	840	3.00



纤维增强高、中压树脂软管

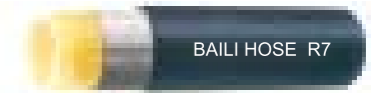
HIGH & MIDDLE PRESSURE SYNTHETIC FIBRE BRAID RUBBER RESIN HOSE

结构与性能: 本产品的结构有内管层(尼龙)、增强层(高强度纤维)、外覆层(高弹性的尼龙或聚氨酯)组成。产品的整体轻便、柔软,内管壁光滑、介质流动阻力小,压力损失少,其耐化学性能和脉冲性能优良。

应用范围: 汽车、工程机械、机床、农用机械、采矿、油漆喷涂、航空航天、制冷等行业的液压控制系统。

STRUCTURE AND CAPABILITY: This kind of hose is made of inner tube (Nylon), reinforcement (High Pressure Synthetic Fiber), and cover (High Flexibility Nylon or Thermoplastic). It is lightweight, flexible and the inner tube is very smooth. With few loss of pressure, the hose resistance of the medium flowing is small, and it also owns a fine performance of anti-chemical and impulse.

APPLICATION: Automobile, Engineering Machinery, Lathe, Agriculture Machine, Mining, Spraying the Oil Paint, Aviation & Spaceflight, Cooling and other Hydraulic Control System.



SAE100R7 / EN855 R7

软管内径 Hose ID		软管外径 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	0.103
3/8	9.5	17.0	15.5	2250	62.1	9000	51	0.141
1/2	12.7	20.7	13.8	2000	55.2	8000	76	0.210
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



SAE100R8 / EN855 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	0.115
1/4	6.4	15.9	34.5	5000	137.9	20000	51	0.176
3/8	9.5	19.4	27.6	4000	110.3	16000	64	0.220
1/2	12.7	22.7	24.1	3500	96.5	14000	102	0.283

铁氟龙软管 TEFLON HOSE

SAE 100 R14

内管层: 由耐高温、耐化学腐蚀的PTFE制成

外管层: 编织的不锈钢丝网套

温度范围: -60℃至+260℃

INNER TUBE: high temperature resistant and chemical corrosion resistant PTFE material

COVER: stainless steel wire braid

TEMPERATURE RANGE: -60℃ to +260℃



软管内径 Hose ID		软管外径 Hose OD	壁厚 Wall Thickness	工作压力 Working Pressure		爆破压力 Burst Pressure		弯曲半径 Minimum Bend Radius
inch	mm	mm	mm	MPa	Bar	MPa	Bar	mm
1/4	4.65~5.16	7.32~8.43	0.89	4330	299	13000	897	71
5/16	5.97~6.81	8.26~9.42	0.76	4000	276	12000	828	76
3/8	7.54~8.38	10.36~11.63	0.76	3330	230	10000	690	127
1/2	9.93~10.64	12.78~14.10	0.89	2660	183	8000	552	133
5/8	12.57~13.34	12.75~16.76	0.76	2330	161	7000	483	177
3/4	15.24~16.51	18.62~20.14	0.76	2000	138	6000	414	203
1	21.46~22.99	24.64~26.95	0.89	1500	103	4500	310	241
1-1/4	27.80~29.40	31.90~33.50	1.00	600	41	2500	172	406



不锈钢金属软管

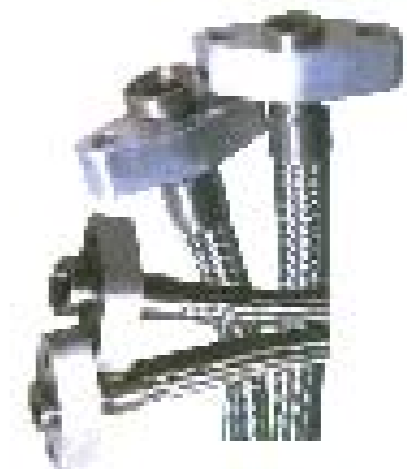
FLEXIBLE METAL HOSE

金属软管是应用在现代工业管路中的挠性连接管件，主要零件材料是由奥氏体不锈钢。具备良好的柔软性、耐腐蚀性、抗疲劳性、耐高低温（-200℃~600℃）、耐高压、寿命长等特点，因此被各行业广泛采用。

Flexible metal hose is a kind of flexible connecting pipe used in modern industrial piping. Since the major components are made of austenitic stainless steel. The pipe is characterized by good flexibility, corrosion resistance, fatigue resistance, high and low temperature resistance (-200℃~600℃), high pressure resistance, durability. So it is widely used by various industries.



胶管内径		软管内径Hose OD		弯曲半径 Minimum Bend Radius	工作压力 Working Pressure	重量Weingt	
		主管体 Main Body	编号层 Ingle Braid			主管体 Main Body	编织层 Ingle Braid
inch	mm	mm	mm	mm	MPa	kg/m	kg/m
1/4	6.3	9.0	10.5	150	6.4	0.06	0.15
5/16	7.9	10.9	12.5	160	6.4	0.08	0.18
3/8	10.8	15.2	16.8	180	5.0	0.13	0.28
1/2	13.4	18.5	20.0	240	4.0	0.17	0.35
5/8	16.0	21.5	23.0	300	3.5	0.20	0.40
3/4	19.1	25.6	27.2	340	3.0	0.24	0.50
1	25.4	32.6	34.2	400	2.5	0.38	0.75
1-1/4	32.9	40.6	42.2	480	2.5	0.48	0.96
1-1/2	39.3	47.6	50.2	600	2.5	0.50	1.00
2	50.8	61.5	63.5	780	2.5	0.88	1.75



钢丝编织蒸汽胶管

WIRE BRAID STEAM HOSE

Q/HYL03-S 标准

结构: 胶管采用耐热性良好的特种橡胶制造, 镀铜丝编织增强层。

应用: 适用于连续输送高温在150℃以下或间歇性输送温度在160℃以下的饱和蒸汽及热水。

CONSTRUCTION: Steam hoses are made of excellent heat resistant rubber and braided copper facing wire.

APPLICATIONS: For conveying saturated steam and superheated water continually at a temperature below 150℃ or intermittently at a temperature below 160℃.



一层钢丝编织 One high tensile steel wire braid 1W/B

胶管内径 Hose ID		参考外径 Hose OD	工作压力 Working Pressure		爆破压力 Burst Pressure		弯曲半径 Minimum Bend Radius
inch	mm	mm	MPa	Psi	MPa	Psi	mm
3/8	11.4±0.5	21.5	1.0	150	4	570	130
1/2	13.5±0.5	24.5	1.0	150	4	570	180
5/8	15.8±0.5	27.5	1.0	150	4	570	205
3/4	19.0±0.5	30.5	1.0	150	4	570	240
7/8	22.0±0.5	33.5	1.0	150	4	570	280
1	25.2±0.5	37.0	1.0	150	4	570	300
1-1/4	28.6±0.6	44.0	1.0	150	4	570	420
1-1/2	32.0±0.6	50.5	1.0	150	4	570	500
1-3/4	39.5±0.8	57.5	1.0	150	4	570	500
2	45.8±0.8	63.5	1.0	150	4	570	630
2-1/2	56.5±0.8	77.5	1.0	150	4	570	700

二层钢丝编织 Two high tensile steel wire braids 2W/B

胶管内径 Hose ID		参考外径 Hose OD	工作压力 Working Pressure		爆破压力 Burst Pressure		弯曲半径 Minimum Bend Radius
inch	mm	mm	MPa	Psi	MPa	Psi	mm
3/8	11.4±0.5	23.0	2.0	300	6	860	130
1/2	13.5±0.5	26.0	2.0	300	6	860	180
5/8	15.8±0.5	29.0	2.0	300	6	860	205
3/4	19.0±0.5	32.0	2.0	300	6	860	240
7/8	22.0±0.5	35.0	2.0	300	6	860	280
1	25.2±0.5	38.5	2.0	300	6	860	300
1-1/4	28.6±0.6	45.5	2.0	300	6	860	420
1-1/2	32.0±0.6	52.0	2.0	300	6	860	500
1-3/4	39.5±0.8	59.0	2.0	300	6	860	500
2	45.8±0.8	65.0	2.0	300	6	860	630
2-1/2	56.5±0.8	79.0	2.0	300	6	860	700

国标钢丝编织液压胶管

DOMESTIC STANDARD WIRE BRAID HYDRAULIC HOSE

Q/HYL01-A 标准

GB/T3683-2006

内胶层: 耐油合成橡胶

增强层: 一层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

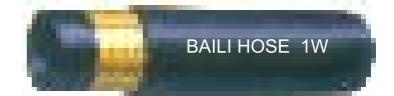
温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: 1W/B(one high tensile steel wire braid)

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



一型 1W/B

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	mm	kg/m
1/4	6.3±0.5	11.4±0.5	15.4	20.0	2880	50.0	100	0.30
5/16	8.0±0.5	13.5±0.5	17.7	17.5	2520	43.5	115	0.40
3/8	10±0.5	15.8±0.5	20.0	16.0	2300	40.0	130	0.47
1/2	13±0.5	19.0±0.5	23.4	14.0	2000	35.0	180	0.57
5/8	16±0.5	22.0±0.5	26.5	12.0	1730	30.0	205	0.65
3/4	19±0.5	25.2±0.5	29.6	10.0	1440	25.0	240	0.76
7/8	22±0.5	28.6±0.6	33.0	9.0	1300	22.5	280	0.93
1	25±0.5	32.0±0.6	36.0	8.0	1150	20.0	300	1.03
1-1/4	32±0.5	39.5±0.8	43.4	6.0	860	15.0	420	1.26
1-1/2	38±0.5	45.8±0.8	49.8	5.0	720	12.5	500	1.47
1-3/4	45±0.5	56.5±0.8	56.5	5.0	720	12.5	500	1.64
2	51±0.5	63.0±0.8	63.0	4.0	580	10.0	630	1.90
2-1/2	64±0.5	77.0±0.8	77.0	3.0	430	7.5	700	2.50



国标钢丝编织液压胶管

DOMESTIC STANDAR WIRE BRAID HYDRAULIC HOSE

Q/HYL01-A 标准 GB/T3683-92(MT98-84)

内胶层: 耐油合成橡胶

增强层: 两层或三层高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

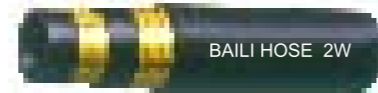
温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: two or three high tensile steel wire braids

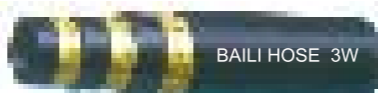
COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



二型 2W/B

胶管内径 Hose ID		增强层外径 Wire OD	胶管外径 HoseOD	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	mm	kg/m
1/4	6.3±0.5	13.0±0.5	17.0	60	8640	150.0	100	0.47
5/16	8.0±0.5	15.5±0.5	19.4	48	6900	120.0	115	0.57
3/8	10±0.5	17.5±0.5	21.7	40	5760	100.0	130	0.70
1/2	13±0.5	20.6±0.5	24.8	38	5500	95.0	180	0.84
5/8	16±0.5	23.8±0.5	28.0	34	4900	85.0	205	0.96
3/4	19±0.5	27.0±0.5	31.5	25	3600	75.0	240	1.08
7/8	22±0.5	30.5±0.6	34.8	22	3190	55.0	280	1.31
1	25±0.5	33.7±0.6	37.7	21	3000	52.5	300	1.45
1-1/4	32±0.5	41.3±0.8	45.2	17	2460	42.5	420	1.72
1-1/2	38±0.5	47.5±0.8	51.5	14	2000	35.0	500	1.95
1-3/4	45±0.5	58.5±0.8	58.5	13	1880	32.5	500	2.17
2	51±0.5	65.0±0.8	65.0	12	1740	30.0	630	2.60
2-1/2	64±0.5	79.0±0.8	79.0	5.0	725	12.5	700	3.3



三型 3W/B

胶管内径 Hose ID		增强层外径 Wire OD	胶管外径 HoseOD	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	mm	kg/m
1/4	6.3±0.5	14.5±0.5	18.6	65	9360	162.0	100	0.63
5/16	8.0±0.5	17.0±0.5	21.0	50	7200	125.0	115	0.75
3/8	10±0.5	19.3±0.5	23.3	45	6190	112.0	130	0.91
1/2	13±0.5	22.3±0.5	26.5	43	5040	100.0	180	1.10
5/8	16±0.5	25.5±0.5	29.8	35	4000	87.0	205	1.27
3/4	19±0.5	28.7±0.5	33.2	28	3600	70.0	240	1.39
7/8	22±0.5	32.0±0.6	36.5	25	3600	62.5	280	1.73
1	25±0.5	35.5±0.6	39.5	25	3600	60.0	300	1.89
1-1/4	32±0.5	43.1±0.8	47.0	19	2700	47.5	420	2.20
1-1/2	38±0.5	49.3±0.8	53.3	15	2160	37.5	500	2.47
1-3/4	45±0.5	60.5±0.8	60.5	10	1440	25.0	500	2.70
2	51±0.5	67.0±0.8	67.0	8	1160	24.0	630	3.30
2-1/2	64±0.5	81.0±0.8	81.0	7	1015	21.0	700	4.20

国标钢丝缠绕高压胶管

DOMESTIC STANDARD WIRE SPIRAL HYDRAULIC HOSE

Q/HYL02-2004 标准

内胶层: 耐油合成橡胶

增强层: 二层、四层或六层高强度钢丝缠绕

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: two, four or six spirals of high tensile steel wire (2W/S 4W/S 6W/S)

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃



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		弯曲半径 Minimum Bend Radius
inch	mm	mm	mm	MPa	psi	mm
1/2	13±0.5	18.5±0.5	21.5±0.8	46	6580	230
5/8	16±0.5	22.2±0.5	23.2±0.8	35	5000	250
3/4	19±0.5	26.0±0.5	29.0±0.8	30	4300	300
7/8	22±0.5	30.0±0.5	34.0±0.8	25	3580	320
1	25±0.5	32.5±0.5	36.5±0.8	25	3580	340
1-1/4	32±0.5	40.5±0.5	44.5±0.8	20	2860	460
1-1/2	38±0.5	47.0±0.7	51.0±1.0	20	2860	560
1-3/4	45±0.5	54.2±0.7	58.2±1.0	15	2150	600
2	51±0.5	60.0±0.7	64.0±1.0	15	2150	660
1/4	6±0.5	13.5±0.5	16.5±0.8	70	10000	150
3/8	10±0.5	17.5±0.5	20.5±0.8	65	9300	180
1/2	13±0.5	20.5±0.5	23.5±0.8	60	8580	230
5/8	16±0.5	24.6±0.5	27.5±0.8	55	7920	250
3/4	19±0.5	29.0±0.5	32.0±0.8	46	6580	300
7/8	22±0.5	33.0±0.5	37.0±0.8	40	5720	320
1	25±0.5	35.5±0.5	39.5±0.8	40	5720	340
1-1/4	32±0.5	43.5±0.5	47.5±0.8	40	5720	460
1-1/2	38±0.5	50.0±0.7	54.0±1.0	38	5440	560
1-3/4	45±0.5	57.8±0.7	62.0±1.0	35	5000	600
2	51±0.5	63.5±0.7	67.5±1.0	35	5000	660
1-1/4	32±0.5	46.5±0.5	50.5±0.8	45	6480	500
1-1/2	38±0.5	53.0±0.7	57.0±1.0	45	6480	600
2	51±0.5	67.0±0.7	71.0±1.0	40	5760	750

大口径钢丝编织液压胶管

LARGE SIZE WIRE BRAID HYDRAULIC HOSE

内胶层: 耐油合成橡胶

增强层: 高强度钢丝编织

外胶层: 耐摩擦、耐气候的合成橡胶

温度范围: -40℃至+100℃

INNER TUBE: oil resistant synthetic rubber

REINFORCEMENT: high tensile steel wire braid

COVER: abrasion and weather resistant synthetic rubber

TEMPERATURE RANGE: -40℃ to +100℃

胶管内径 Hose ID		钢丝层数 Steel layer	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
inch	mm	W/B	mm	mm	MPa	MPa
2-1/2	64	1	72±1	77±1.5	3.0	12.0
3	76	1	84.7±1	90±1.5	2.5	10.0
3-1/2	89	1	99±1	106±1.5	1.8	7.2
4	102	1	113±1.2	118±1.5	0.8	3.2
2-1/2	64	2	73.5±1	78.5±1.5	4.0	16.0
3	76	2	86.2±1	91.5±1.5	3.0	12.0
3-1/2	89	2	101±1	108±1.5	2.5	10.0
4	102	2	115±1.2	120±1.5	3.5	14.0
2-1/2	64	3	76±1	81±1.5	5.0	20.0
3	76	3	89±1	95±1.5	4.0	16.0
3-1/2	89	3	103±1	110±1.5	3.0	12.0
4	102	3	117±1.2	122±1.5	4.5	18.0

钢丝编织液化石油气软管

WIRE BRAID LIQUEFIED PETROLEUM GAS HOSE

Q/HYL03-G 标准 GB10546-89

内胶层: 合成橡胶

增强层: 一层或两层高强度钢丝编织

外覆层: 一层纺织物编织

工作温度: -40℃至+60℃

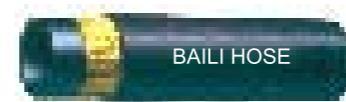
INNER TUBE: synthetic rubber

REINFORCEMENT: one or two high tensile steel wire braid

COVER COMPOUND: one impregnated fibre braid(1T/B)

TEMPERATURE RANGE: -40℃ to +60℃

胶管内径 Hose ID		胶管外径 Hose OD	工作压力 Working Pressure		弯曲半径 Minimum Bend Radius	重量 Weight
inch	mm	mm	MPa	Psi	mm	kg/m
3/8	10±0.5	18±1	16	2400	120	0.45
1/2	13±0.5	21±1	14	2100	140	0.56
1	25±0.5	34±1	7	1000	200	0.94
2	51±0.5	67±1	8	1200	630	2.90



阻燃导静电钢丝编织液压橡胶软管

Q/XXC016-2005 902 标准

结构: 由合成橡胶内胶层、1至3层钢丝编织层和阻燃、导静电的合成橡胶外胶层组成。

应用: 用于石油基和水基液体的液压系统中。

温度范围: -40℃至+100℃

特性: 适用于煤矿液压支架、综合采煤组等液压系统，液压脉冲少、有阻燃和导静电的要求的工作条件。

CONSTRUCTION: synthetic rubber inner tube ,1 to 3 wire braids reinforcements and flame resistant and conducting static electricity synthetic rubber cover.

APPLICATION: meets the requirements of flame resistant and conducting static electricity hydraulic system service with petroleum and water-base fluids

TEMPERATURE RANGE: -40℃ to +100℃

一层 ONE WIRE BRAID

内径	编织层外径	外径OD		工作压力	爆破压力	最小弯曲半径	单位重量
I.D	B.D	A型	AT型	W.P	B.P	B.R	W.T
mm	mm	mm	mm	MPa	MPa	mm	kg/m
4	10.0	13	-	32.0	80.0	90	0.25
6	11.7	16	14.5	32.0	80.0	100	0.31
8	13.7	18	16.5	28.0	70.0	115	0.38
10	15.7	20	18.5	25.6	64.0	130	0.44
13	19.7	24	22.5	22.4	56.0	180	0.60
16	22.7	27	25.5	16.8	42.0	205	0.70
19	25.7	30	28.5	14.4	36.0	240	0.79
22	28.7	33	31.5	12.8	32.0	280	0.90
25	32.2	37	35.0	11.2	28.0	300	1.07
32	39.2	44	43.0	9.0	22.5	420	1.33
38	45.2	50	49.0	7.0	17.5	500	1.54
45	52.0	56	-	5.0	12.5	550	1.59
51	58.0	62	-	5.0	12.5	630	1.86
58	66.0	70	-	4.0	12.0	710	2.17
63	71.0	75	-	3.5	10.5	770	2.22
76	84.0	88	-	3.0	9.0	930	2.68
90	99.0	103	-	2.0	6.0	1100	3.20
102	111.0	115	-	1.5	4.5	1250	3.50

二层 TWO WIRE BRAIDS

内径	编织层外径	外径OD		工作压力	爆破压力	最小弯曲半径	单位重量
I.D	B.D	A型	AT型	W.P	B.P	B.R	W.T
mm	mm	mm	mm	MPa	MPa	mm	kg/m
6	13.5	18	16.3	56.0	140.0	120	0.50
8	15.5	20	18.3	48.0	120.0	135	0.60
10	17.5	22	20.3	40.0	100.0	150	0.71
13	21.5	26	24.3	36.0	90.0	200	0.92
16	24.5	29	27.3	32.0	80.0	225	1.05
19	27.5	32	30.3	25.0	62.5	270	1.14
22	30.5	35	33.3	22.0	55.0	310	1.28
25	34.0	39	36.8	21.0	52.5	330	1.51
32	41.0	46	44.5	17.0	42.5	450	1.87
38	47.0	52	50.5	14.0	35.0	530	2.12
45	54.0	58	-	8.0	20.0	580	2.20
51	60.0	64	-	8.0	20.0	660	2.62
58	68.0	72	-	6.0	18.0	730	2.90
63	73.0	77	-	5.5	16.5	790	2.95
76	86.0	90	-	4.0	12.0	950	3.90
90	101.0	105	-	3.2	9.6	1130	4.10
102	113.0	117	-	2.6	7.8	1280	4.50

加油机用钢丝编织橡胶软管

Q/XXC062-2003 标准

结构: 有合成橡胶内胶层、钢丝编织层，合成橡胶外胶层组成。

应用: 用于输送各种燃油、润滑油等石油基和水基液体。

特性: 用于各种汽车或机动车加油用橡胶软管。胶管具有导静电性能，可消除加油作业中的静电积累，可生产满足HG/T3037标准的加油机胶管。

CONSTRUCTION: synthetic rubber inner tube, wire braid reinforcement and synthetic rubber cover.

APPLICATION: dispensing all types of commercial gasoline or other petroleum based products, from service station pumps.

内径	编织层外径	软管外径	工作压力	爆破压力	最小弯曲半径
I.D	B.D	O.D	W.P	B.P	B.R
mm	mm	mm	MPa	MPa	mm
13	19.7	24	2.5	10.0	180
16	22.7	27	2.5	10.0	205
19	25.7	30	2.5	10.0	240
22	28.7	33	2.0	8.0	280
25	32.2	37	2.0	8.0	300
32	39.2	44	2.0	8.0	420

钢丝缠绕钻探胶管

STEEL WIRE SPIRAL 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。

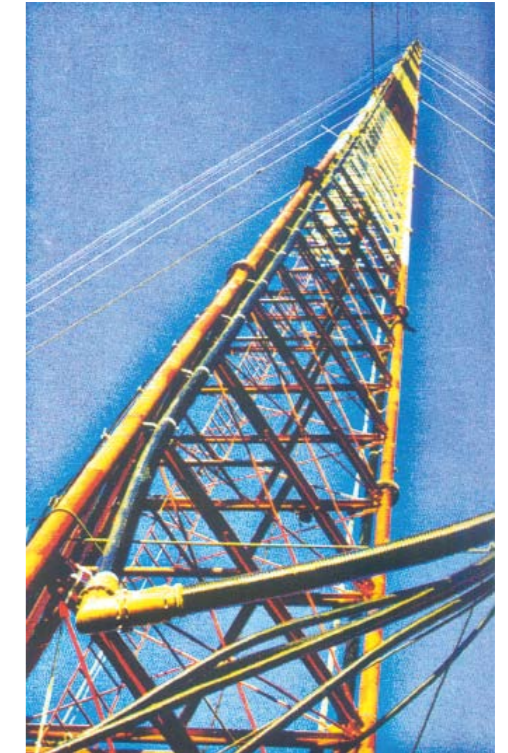
用途: 钢丝缠绕钻探胶管用于油田固井、修井及石油地质勘探、小型钻机和水利采煤、输送泥浆及常温水等流体介质。

CONSTRUCTION:

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

APPLICATIONS:

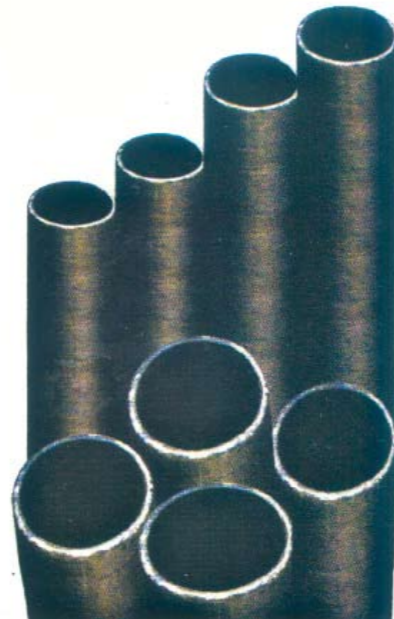
Steel wire spiral drilling rubber hoses are used in oil fields, well cementing, well repairing, geological explorations, small drilling machine, and water conveyance at coal excavations, carrying mud, water at environmental temperature and other fluids.



软管规格 Hose size	内径 Inside Diameter mm	钢丝层直径 Reinforcement Diameter mm	外径 Outside Diameter 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	参考重量 Weight kg/m
				MPa	Psi	MPa	Psi	MPa	Psi		
4sp-51-35	51 ± 1.0	63 ± 1.0	69 ± 1.5	35	5000	70	10000	87.5	12500	900	5.7
4sp-64-35	64 ± 1.2	77 ± 1.0	84 ± 1.5	35	5000	70	10000	87.5	12500	1100	6.7
4sp-76-35	76 ± 1.4	101 ± 1.5	107 ± 2	35	5000	70	10000	87.5	12500	1200	16.2
4sp-89-35	89 ± 1.4	114 ± 1.5	120 ± 2	35	5000	70	10000	87.5	12500	1300	18.4
4sp-102-35	102 ± 1.5	132 ± 1.5	139 ± 2	35	5000	70	10000	87.5	12500	1400	20.3
6sp-51-50	51 ± 1.0	66 ± 1.0	72 ± 1.5	50	7250	100	14500	175.0	18150	1000	6.2
6sp-64-45	64 ± 1.2	81 ± 1.0	88 ± 1.5	45	6500	90	13000	112.5	16250	1200	7.4
6sp-76-70	76 ± 1.4	109 ± 1.5	116 ± 2	70	10150	140	20300	175.0	25400	1300	23.7
6sp-89-70	89 ± 1.4	129 ± 1.5	136 ± 2	70	10150	140	20300	175.0	25400	1400	26.6
6sp-102-70	102 ± 1.5	142 ± 1.5	148 ± 2	70	10150	140	20300	175.0	25400	1600	29.8

海洋高压输油胶管

OCEANIC HIGH PRESSURE OIL-CONVEYING RUBBER HOSE



结构: 由钢丝缠绕骨架层和内外耐油、耐摩擦合成橡胶组成。

用途: 用于海底天然气、石油等介质的输送。

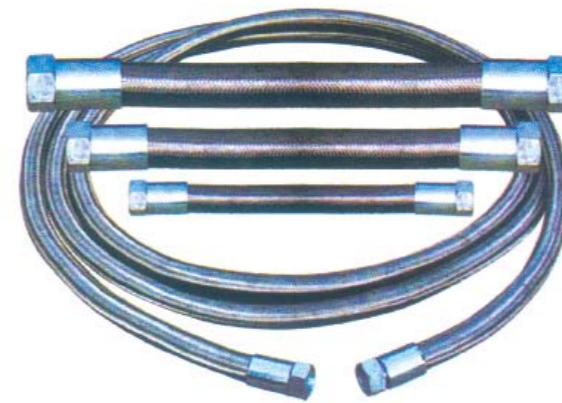
CONSTRUCTION: Steel wire spiral reinforced layer, internal and external oil-resistant and corrosion-resistant synthetic rubber cover.

APPLICATIONS: For carrying under sea gas, petroleum and etc.

软管规格 Hose size	内径 Inside Diameter mm	钢丝层直径 Reinforcement Diameter mm	外径 Outside Diameter 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	参考重量 Weight kg/m
				MPa	Psi	MPa	Psi	MPa	Psi		
				2sp-152-15	152±2.0	173±3.0	179±4.0	15	2150		
2sp-203-15	203±2.0	223±3.0	230±4.0	15	2150	30	4300	37.5	5425	3050	24
2sp-254-10	254±2.0	275±3.0	282±4.0	10	1450	20	2890	25.0	3625	3810	30
2sp-305-8	305±2.0	330±3.0	338±4.0	8	1159	16	2318	24.0	3477	4510	36
4sp-152-25	152±2.0	184±3.0	192±4.0	25	3625	50	7250	62.5	9050	2580	24
4sp-203-20	203±2.0	236±3.0	243±4.0	20	2890	40	5780	50.0	7225	3350	31
4sp-254-16	254±2.0	285±3.0	292±4.0	16	2318	32	4636	48.0	6955	4110	39
4sp-305-16	305±2.0	341±3.0	350±4.0	16	2318	32	4636	48.0	6955	4810	47

阻燃耐火胶管

ANTIFLAMING FIRE-RESISTANT 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辐射源的高温环境条件。

CONSTRUCTION: High pressure steel wire spiral rubber hose, covered with fire resistant coating steel wire braid layer and antflaming 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 smelting, and chemical industry.

软管规格 Hose size	内径 Inside Diameter mm	钢丝层直径 Reinforcement Diameter mm	外径 Outside Diameter 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 ℃
				MPa	Psi	MPa	Psi	MPa	Psi		
				φ 13 (1/2")	13±0.5	22.2±0.8	44±1.0	43	6231		
φ 16 (5/8")	16±0.5	26±0.8	47±1.5	38	5506	57.00	8259	76	11012	260	750
φ 19 (3/4")	19±0.5	30±0.8	52±1.5	34.5	4999	51.75	7499	69	9998	300	750
φ 25 (1")	25±0.8	36±0.8	59±1.5	27.5	3985	41.25	5977	55	7970	360	750
φ 32 (1 1/4")	32±0.8	44±0.8	69±2.0	20.5	2970	30.75	4456	41	5941	470	750
φ 38 (1 1/2")	38±1.0	50.8±1.0	76±2.0	17	2463	25.50	3695	34	4907	570	750
φ 51 (2")	51±1.0	63.8±1.0	91±2.0	17	2463	25.50	3695	34	4927	740	750



HOSE ASSEMBLIES

wire reinforced hydraulic type

胶管接头

我公司主要生产符合GB、JB/T、JB/ZQ、JB等国家或行业标准的公英制管路接头及附件，DIN、UN、NPT、JIC螺纹标准的各种管接头，产品与钢丝增强软管、棉线增强软管、金属软管联结使用。主要用于工程机械、石油、化工、煤炭、冶金、建筑、机床、交通等行业。接头形式有A型、B型、C型、D型、E型、F型、G型、H型、K型、Q型、U型、V型、L型，并可按用户要求设计，生产各种异型管路接头附件。

胶管总成

主要生产符合GB、GB/T、JB/ZQ、JH/Q等国家标准的各种接头形式的高、中、低压的钢丝增强胶管总成；铠装胶管总成；纤维增强胶管总成；钢制法兰总成及各种英制、美制外螺纹、内螺纹胶管总成。主要用于工程机械、石油、化工、煤炭、冶金、建筑、机床、交通等行业。





大智有行 诚信有道

衡水佰力橡胶制品有限公司

HENGSHUI BAILI HOSE CO., LTD.

坚/持/创/新 追/求/进/步 制/造/精/品

地址：河北省衡水市宁安路790号

电话：0318-2660005 2330005 2170005

传真：0318-2690005

网址：www.bailihose.com www.bailiflex.com.cn

邮箱：xulei@bailihose.com