



广旭橡塑科技  
GUANGXUXIANGSUKETI



扫码咨询  
Scan code consultation

# 河北广旭 橡塑科技有限公司

HEBEI GUANGXU RUBBER AND PLASTIC TECHNOLOGY CO., LTD

## 河北广旭橡塑科技有限公司

HEBEI GUANGXU RUBBER AND PLASTIC TECHNOLOGY CO., LTD

电 话：0318-4296588  
地 址：河北省衡水市景县城西工业区景开大街313号  
公 司 官 网：<http://www.hbguangxu.com>  
阿里巴巴网址：<https://hbguangxu.1688.com>  
淘 宝 网 址：<https://shop574100699.taobao.com>  
邮 箱：[liutao@hbguangxu.com](mailto:liutao@hbguangxu.com); [396335538@qq.com](mailto:396335538@qq.com)

Tel: 0318-4296588

Add: No. 313 Jingkai Street, Chengxi Industrial Zone, Jingxian County,  
Hengshui City, Hebei Province

Company website: <http://www.hbguangxu.com>

Alibaba website: <https://hbguangxu.1688.com>

Taobao website: <https://shop574100699.taobao.com>

Email : [liutao@hbguangxu.com](mailto:liutao@hbguangxu.com); [396335538@qq.com](mailto:396335538@qq.com)

# 企业简介 COMPANY PROFILE

河北广旭橡塑科技有限公司成立于2015年，是专业研发、设计、生产制造于一体的技术企业。主要从事金属软管、补偿器、高低压胶管及总成、复合软管、橡胶软连接、液压管件等系列产品，位于河北省衡水市景县城西工业区，东临104国道及京沪铁路，南邻石德高速，公路、铁路交通十分便利。

公司通过ISO9001-2015质量管理体系认证、ISO14001-2015环境管理体系认证、ISO45001-2018职业健康安全管理管理体系认证等认证证书，并且严格按质量标准对产品进行有效的控制和管理，产品品种齐全并广泛应用于石油、化工、钢铁厂、玻璃厂、矿山冶炼、污水处理厂、仪器仪表、船舶、电厂、水泥厂、机械制造、运输、供热管道等领域，并在各大工程上得到应用，赢得了用户的好评和权威机构的认可，多次被评为“产品质量信得过企业”和“重合同守信用企业”。

本公司秉承“靠信誉赢用户，靠质量占市场，靠新品谋发展，靠科技创未来”的经营理念，对内弘扬公司文化，对外传播企业精神，不断强化内部管理，不断提高产品质量，不断提升品牌形象，积极打造极具我们特色的精品产品。

面对迅猛发展的管道行业，本公司将一直以“品质第一、奉献社会”为宗旨，努力为用户提供优质产品和服务，愿与各界朋友携手并进，共创辉煌！

Hebei Guangxu Rubber & Plastic Technology Co., Ltd. was founded in 2015, is a professional R & D, design, production and manufacturing in one of the technical enterprises. Mainly engaged in metal hose, compensator, high and low pressure hose and assembly, composite hose, rubber soft connection, hydraulic pipe fittings and other series of products, located in Hengshui City, Hebei Province Jingxian Industrial Zone, east of 104 National road and Beijing-Shanghai railway, south of the Shide highway, road and railway traffic is very convenient.

The company has passed ISO9001-2015 quality management system certification, ISO14001-2015 environmental management system certification, ISO45001-2018 Occupational health and safety management system certification and other certification certificates, and strictly according to quality standards for effective product control and management. The product variety is complete and widely used in petroleum, chemical industry, steel works, glass works, mining smelting, sewage treatment plants, instruments and meters, ships, power plants, cement plants, machinery manufacturing, transportation, heating pipelines and other fields, and has been applied in major projects, winning the user's praise and recognition of authoritative institutions. It has been rated as "product quality trustworthy enterprise" and "contract-abiding and trustworthy enterprise" for many times.

The company adheres to the business philosophy of "relying on reputation to win users, relying on quality to occupy the market, relying on new products to seek development, relying on science and technology to create the future", carries forward the company culture internally, disseminates the spirit of enterprise externally, continuously strengthens internal management, constantly improves product quality, constantly enhances brand image, and actively creates high-quality products with our characteristics.

Facing the rapid development of the pipeline industry, the company will always take "quality first, dedication to society" as the purpose, and strive to provide users with quality products and services, willing to work with friends from all walks of life hand in hand to create brilliant!

# 企业资质 Enterprise qualification

统一社会信用代码  
91131127347648746Q

名称 河北广旭橡塑科技有限公司  
类型 有限责任公司(自然人独资)  
法定代表人 野庆霞

注册资本 陆佰万元整  
成立日期 2015年07月15日  
住所 河北省衡水市景县城西工业区

经营范围 生产、销售高低压胶管及总成、金属软管、补偿器、复合软管、密封件、橡胶软接头、液压管件、法兰、气胎由壬、厚迭机定子、转子、砂泵护套、旋流器、桥墩橡胶支座、止水带、伸缩缝、输油设备及配件、橡胶制品、尼龙制品、聚氨酯制品、金属制品、石墨制品、自磨进出口业务\*\* (依法须经批准的项目，经相关部门批准后方可开展经营活动)

登记机关 2024年6月17日

国家市场监督管理总局监制

http://www.gsxt.gov.cn

**企业资质**

Enterprise qualification

**企业资质**

Enterprise qualification

统一社会信用代码 911311273470487460

名称 河北广旭橡塑科技有限公司(自然人独资)

类型 有限责任公司(自然人独资)

法定代表人 野庆霞

经营范围 生产、销售高低压胶管及总成、液压管、金属软管、衬垫器、复合软管、密封件、橡胶接头、法兰、橡胶法兰、止水圈、带、密封圈、转子、输送带及附件、尼龙制品、(依法须经批准的项目,经相关部门批准后方可开展经营活动)

注册资本 陆佰万元整

成立日期 2015年07月15日

住所 河北省衡水市景县城西工业区

登记机关

2024年06月17日

国家企业信用信息公示系统网址: <http://www.gsxt.gov.cn>

市场主体应当于每年1月1日至6月30日期间通过国家企业信用信息公示系统报送公示年度报告

国家市场监督管理总局监制

扫描二维码 登录国家企业信用信息公示系统 查看更多信息

副本编号: 1 (本) (副)

营业执照

编号: 1210-03252895

符合开户条件, 准予

开户银行 中国建设银行股份有限公司景县支行

法定代表人(单位负责人) 野庆霞

核准号: J11491000486903

经审核, 河北广旭橡塑科技有限公司

开立基本存款账户。

账号 13001717908050504895

发证机关(盖章) 2018年05月17日



**企业资质**  
Enterprise qualification

**企业资质**  
Enterprise qualification

**质量管理体系认证证书**

证书编号: GXZT006-24Q10086R0S

兹证明:  
河北广旭橡塑科技有限公司  
统一社会信用代码/组织机构代码: 91131127347648746Q  
质量管理体系符合:  
**GB/T19001-2016/ISO9001:2015 标准**  
证书覆盖范围: 金属软管、补偿器、注塑件的生产(有许可要求的除外), 高低压胶管及总成、液压接头的销售

注册地址: 河北省衡水市景县城西工业区  
审核地址: 河北省衡水市景县高新技术产业开发区景州工业园景开大街 313 号

颁证日期: 2024年04月30日  
有效期至: 2027年04月29日

证书签发人

此认证证书的有效性以左下角二维码扫描结果为准。  
同时可登录认证机构网站: [www.isogx.cn](http://www.isogx.cn) 查询。  
本证书信息可在国家认证认可监督管理委员会官方网站: [www.cnca.gov.cn](http://www.cnca.gov.cn) 查询。  
注: 获证组织必须定期接受监督审核并经审核合格此证书方继续有效。

**国信正通(北京)检验认证有限公司**  
中国·北京·昌平区天通中苑二区41号楼8层810 (102218)

NO:C

**QUALITY MANAGEMENT SYSTEM CERTIFICATE**

Certificate No.: GXZT006-24Q10086R0S  
We hereby certify that the organization:  
**Hebei Guangxu Rubber Technology Co., Ltd**  
Unified social credit code/Organization code: 91131127347648746Q  
is in conformity with Quality Management System Standard:  
**GB/T19001-2016 / ISO9001:2015**  
The certificate is valid to the following product(s)/service:  
Production of metal hoses, compensators, and injection molded parts (excluding those with licensing requirements), sales of high and low pressure rubber hoses and assemblies, and hydraulic joints

Registration Address: Chengxi Industrial Zone, Jing County, Hengshui City, Hebei Province  
Audit Address: 313 Jingkai Street, Jingzhou Industrial Park, High tech Industrial Development Zone, Jing County, Hengshui City, Hebei Province

Date of Issue : 30-04-2024  
Date of Expiry: 29-04-2027

The Effectiveness of the Certificate is Subject to QR Code in the Left.  
Meanwhile, You Can Search the CNCA Website: [www.cnca.gov.cn](http://www.cnca.gov.cn)  
or Website of Certification Body: [www.isogx.cn](http://www.isogx.cn)  
Note: the Certified Organization Must Be Subject to Regular Supervision and Audit and This Certificate Will Continue to Be Valid Until it Passes the Audit.

**Guo Xin Zheng Tong (Beijing) Inspection & Certification Co.,Ltd.**  
Room 810, 8th Floor, Building 41, Second District, Tiantong Zhongyuan, Changping District, Beijing, China (102218)

NO:E



### 企业资质

Enterprise qualification

### 企业资质

Enterprise qualification

**环境管理体系认证证书**

证书编号: GXZT002-24E10068R0S

兹证明:  
河北广旭橡塑科技有限公司

统一社会信用代码/组织机构代码: 91131127347648746Q

环境管理体系符合:  
GB/T24001-2016/ISO14001:2015 标准

证书覆盖范围: 金属软管、补偿器、注塑件的生产(有许可要求的除外), 高低压胶管及总成、液压接头的销售及  
及相关管理活动

注册地址: 河北省衡水市景县城西工业区  
审核地址: 河北省衡水市景县高新技术产业开发区景州工业园景开大街 313 号

颁证日期: 2024年04月30日  
有效期至: 2027年04月29日

证书签发人

此认证证书的有效性以左下角二维码扫描结果为准。  
同时可登录认证机构网站: [www.isogx.cn](http://www.isogx.cn) 查询。  
本证书信息可在国家认证认可监督管理委员会官方网站: [www.cnca.gov.cn](http://www.cnca.gov.cn) 查询。  
注: 获证组织必须定期接受监督审核并经审核合格此证书方继续有效。

国信正通(北京)检验认证有限公司  
中国·北京·昌平区天通中苑二区41号楼8层810 (102218)

NO:C

**ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE**

Certificate No.: GXZT002-24E10068R0S  
We hereby certify that the organization:  
**Hebei Guangxu Rubber Technology Co., Ltd**  
Unified social credit code/Organization code: 91131127347648746Q  
is in conformity with Environmental Management System Standard:  
**GB/T24001-2016/ISO14001:2015**

The certificate is valid to the following product(s)/service:  
Production of metal hoses, compensators, injection molded parts (excluding those with licensing requirements), sales and related management activities of high and low pressure rubber hoses and assemblies, hydraulic connectors

Registration Address: Chengxi Industrial Zone, Jing County, Hengshui City, Hebei Province  
Audit Address: 313 Jingkai Street, Jingzhou Industrial Park, High tech Industrial Development Zone, Jing County, Hengshui City, Hebei Province

Date of Issue : 30-04-2024  
Date of Expiry : 29-04-2027

The Effectiveness of the Certificate is Subject to QR Code in the Left.  
Meanwhile, You Can Search the CNCA Website: [www.cnca.gov.cn](http://www.cnca.gov.cn)  
or Website of Certification Body: [www.isogx.cn](http://www.isogx.cn)  
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**Guo Xin Zheng Tong (Beijing) Inspection & Certification Co.,Ltd.**  
Room 810, 8th Floor, Building 41, Second District, Tiantong Zhongyuan, Changping District, Beijing, China (102218)

NO:E


**企业资质**  
Enterprise qualification




**企业资质**  
Enterprise qualification




**企业资质**  
Enterprise qualification





**商标注册证**



第 68746303 号

核定使用商品/服务项目 (国际分类: 6)


第6类: 金属水管; 管道用金属接头; 金属排水管; 金属管; 压缩空气管道用金属配件; 金属管道; 油井用金属套管; 通风和空调设备用金属管; 金属压力水管; 管道用金属歧管 (截止)

注册人 河北广旭橡塑科技有限公司

注册人地址 河北省衡水市景县城西工业区


注册日期 2023年06月14日 有效期至 2033年06月13日

局长




申长雨

发证机关



**企业资质**  
Enterprise qualification



**企业信用等级证书**  
CERTIFICATE OF ENTERPRISE CREDIT GRADE

证书编号 Y06J20210YXYPJ4421

兹评定

**河北广旭橡塑科技有限公司**

河北省衡水市景县城西工业区

针对企业信用记录、经营状况、管理水平、债务风险、发展前景、公众认可度等方面的综合评价, 评定该企业资质等级为:

**AAA**




详细依据: Q/TCC1001-2021企业信用评级体系标准

签发日期: 2022年7月22日 有效期至: 2026年7月21日

公示网址: [www.ecebid.org.cn](http://www.ecebid.org.cn) (中国招标投标网) [www.tianyancha.com](http://www.tianyancha.com) (天眼查)  
[www.315cx.gov.com](http://www.315cx.gov.com) (中国企业信用公共服务平台)

评级机构: 跃诚国际信用评级有限公司

发证机构:



**质量服务诚信AAA单位**  
QUALITY SERVICE INTEGRITY AAA UNIT

证书编号 Y06J20210YXYPJ4424

兹评定

**河北广旭橡塑科技有限公司**

河北省衡水市景县城西工业区

针对企业信用记录、经营状况、管理水平、债务风险、发展前景、公众认可度等方面的综合评价, 评定该企业资质等级为:

**AAA**

详细依据: Q/TCC1001-2021企业信用评级体系标准

签发日期: 2022年7月22日 有效期至: 2026年7月21日


公示网址: [www.ecebid.org.cn](http://www.ecebid.org.cn) (中国招标投标网) [www.tianyancha.com](http://www.tianyancha.com) (天眼查)  
[www.315cx.gov.com](http://www.315cx.gov.com) (中国企业信用公共服务平台)

评级机构: 跃诚国际信用评级有限公司

发证机构:







**诚信经营示范AAA单位**  
AAA MODEL UNIT OF CREDIT MANAGEMENT

证书编号 Y06J20210YXYPJ4423

兹评定

**河北广旭橡塑科技有限公司**

河北省衡水市景县城西工业区

针对企业信用记录、经营状况、管理水平、债务风险、发展前景、公众认可度等方面的综合评价, 评定该企业资质等级为:

**AAA**




详细依据: Q/TCC1001-2021企业信用评级体系标准


签发日期: 2022年7月22日 有效期至: 2026年7月21日

公示网址: [www.ecebid.org.cn](http://www.ecebid.org.cn) (中国招标投标网) [www.tianyancha.com](http://www.tianyancha.com) (天眼查)  
[www.315cx.gov.com](http://www.315cx.gov.com) (中国企业信用公共服务平台)

评级机构: 跃诚国际信用评级有限公司

发证机构:



**企业资信AAA等级证书**  
AAA CERTIFICATE OF ENTERPRISE CREDIT

证书编号 Y06J20210YXYPJ4422

兹评定

**河北广旭橡塑科技有限公司**

河北省衡水市景县城西工业区

针对企业信用记录、经营状况、管理水平、债务风险、发展前景、公众认可度等方面的综合评价, 评定该企业资质等级为:

**AAA**


详细依据: Q/TCC1001-2021企业信用评级体系标准


签发日期: 2022年7月22日 有效期至: 2026年7月21日

公示网址: [www.ecebid.org.cn](http://www.ecebid.org.cn) (中国招标投标网) [www.tianyancha.com](http://www.tianyancha.com) (天眼查)  
[www.315cx.gov.com](http://www.315cx.gov.com) (中国企业信用公共服务平台)

评级机构: 跃诚国际信用评级有限公司

发证机构:

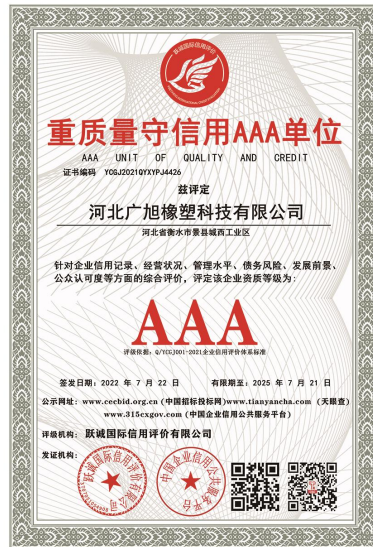
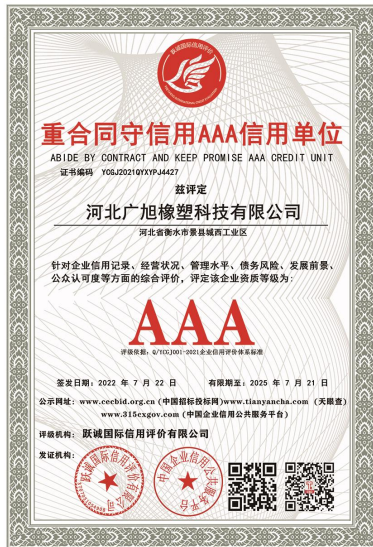
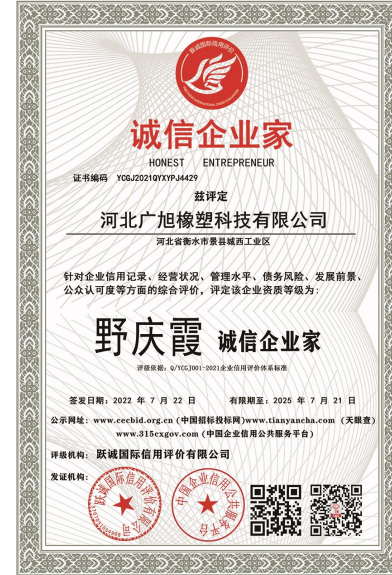
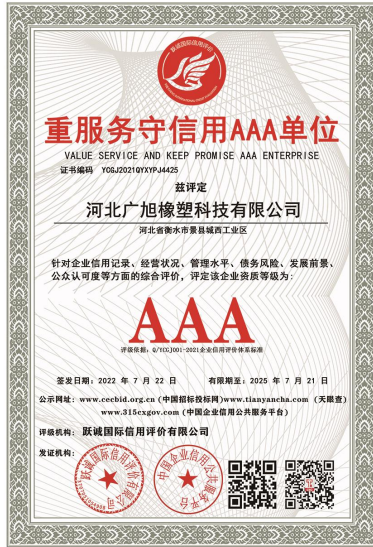






**企业资质**  
Enterprise qualification

**企业资质**  
Enterprise qualification



**企业信用评价AAA级信用企业**  
Enterprise credit evaluation AAA credit enterprise

公司名称: 河北广旭橡塑科技有限公司  
信用编码: Y06J20210YXPJ4421  
有效日期: 2022-7-22至2025-7-21  
公示查询: [www.tianyancha.com](http://www.tianyancha.com) (天眼查) [www.cebidd.org.cn](http://www.cebidd.org.cn) (中国招标投标网) [www.315csg.gov.com](http://www.315csg.gov.com) (中国企业信用公共服务平台)

**生产设备**  
Production Equipment



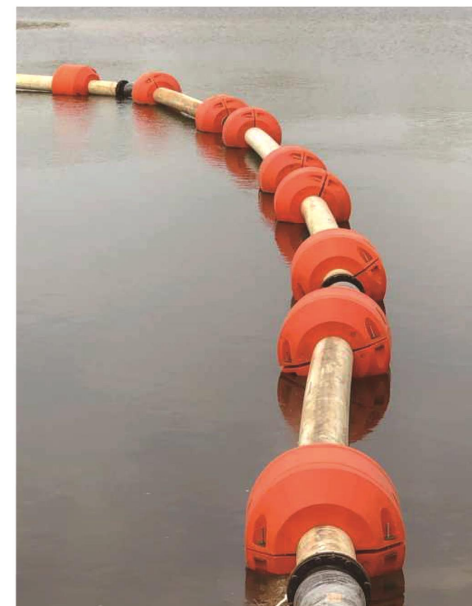
**生产设备**  
Production Equipment



**检测设备**  
Test Equipment



**应用案例**  
Application case



## 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 flange on each end, is a kind of flexible element used piping all kinds of mediums. With its features of corrosion resistance, resistance to high temperature, low temperature resistance (-196°C ~ +420°C), light weight, small volume, and good flexibility, it is widely used in aviation, spaceflight, petroleum, chemical industry, metallurgy, electric power, paper making, lumber, textile industry, architecture, medicine, food, tobacco, communication and so on.

Executive Standard: GB/T14525-2010

### 环波金属软管波纹

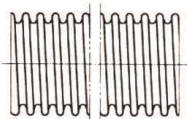
环波金属软管波纹一般是U型和Q型, 长度一般只有5-8m, 该波纹管液压或者橡胶胀形, 管体柔软, 壁厚较厚, 在频繁移动的场合有良好的应用性, 吸收震动性能优越, 承压较高, 不会产生扭力, 口径从12mm到700mm。

### Corrugated metal hose ripple

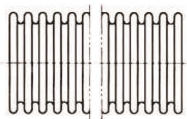
Ring corrugated metal hose corrugated is generally U-shaped and O-shaped, the length is generally only 5-8m, the bellows are hydraulic or rubber bulging, tube body soft, wall thickness is thicker, in frequent movement occasions have good application, absorption vibration performance is superior, high pressure, will not produce torque, caliber from 12mm to 700mm.

环形波软管性能参数表  
Annular Wave Hose Performance Parameters Table

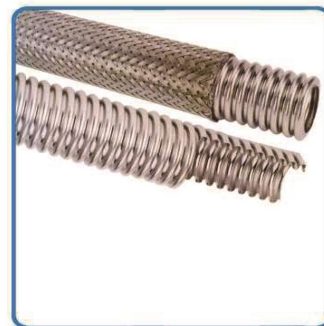
软管内径 ID	软管外径 OD		弯曲半径 Bend Radius	工作压力 W.P	重量 Weight	
	主管体 Tube	编织层 Braid Reinforcement			主管体 Tube	编织层 Braid Reinforcement
Inch	mm	mm	mm	Mpa	Kg/m	Kg/m
1/2	12	18.5	20	120	7.5	0.21
5/8	16	23	25	150	6.4	0.26
3/4	20	28	30	180	5.0	0.35
1	25	35	37	280	4.0	0.47
1-1/4	32	43	45	340	3.5	0.51
1-1/2	40	51	53	450	3.0	0.70
2	50	62	64	550	2.5	0.90
2-1/2	65	79	82	650	2.0	1.30
3	80	97	100	800	2.0	1.80
4	100	122	125	1000	1.6	2.40
5	125	151	155	1200	1.5	3.30
6	150	180	184	1500	1.5	4.30
7	175	210	215	1750	1.2	5.80
8	200	240	245	2000	1.2	6.50
10	250	298	303	2200	1.6	10.5
12	300	360	365	2500	1.6	13.0
14	350	410	415	3000	1.6	15.0
16	400	460	465	3500	1.6	18.0
18	450	520	525	4000	1.6	27.5
20	500	570	575	4500	1.6	30.5
24	600	670	675	5500	1.6	44.0



螺旋波  
Spiral wave



环波  
Annular wave



## 金属软管系列 Flexible Metal Hose Series

### 螺旋波金属软管

螺旋波金属软管波形像螺丝扣一样螺旋向上, 具有较强的稳定性, 软管自震频率较低, 生产效率高, 价格有优势, 长度可以做到任意长度, 使用会产生扭力。

### Spiral wave metal hose

The spiral wave metal hose waveform is spiral upward like a screw, with strong stability, low self-vibration frequency of hose, high production efficiency, price advantage, length can be arbitrary length, use will produce torque.

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 kg/m	
	主管体 Tube	编织层 Braid Reinforcement			主管体 Tube	编织层 Braid Reinforcement
Inch	mm	mm	mm	Mpa	Kg/m	Kg/m
1/4	6.3	9.0	10.5	150	6.4	0.06
5/16	7.9	10.9	12.5	160	6.4	0.08
3/8	10.8	15.2	16.8	180	5.0	0.13
1/2	13.4	18.5	20.0	240	4.0	0.17
5/8	16.0	21.5	23.0	300	3.5	0.20
3/4	19.1	25.6	27.2	340	3.0	0.24
1	25.4	32.6	34.2	400	2.5	0.38
1-1/4	32.9	40.6	42.2	480	2.5	0.48
1-1/2	39.3	47.6	50.2	600	2.5	0.60
2	50.8	61.5	63.5	780	2.5	0.88

### 连续环波金属软管

该金属软管的波形一般是U型, 波高较浅, 长度可以做到任意长度, 使用产生微小扭力, 柔软度不如普通环波金属软管。

### Continuous ring wave metal hose

The waveform of the metal hose is generally U-shaped, the wave height is shallow, the length can be arbitrary length, the use of a small torque, the softness of the metal hose is not as good as the ordinary ring wave.

连续环波金属软管参数表  
Continuous annular wave metal hose parameter list

通径 ID mm	壁厚 sheet thickness mm	内径 ID mm	外径 OD mm	编织层外径 OD mm	重量 Weight kg/m	
					主管体 Tube	编织层 Braid Reinforcement
DN6	0.15	6.5	10.5	11.5	0.08	0.12
DN8	0.15	8.5	12	13	0.09	0.13
DN10	0.15	10.5	14	15	0.16	0.15
DN12	0.15	12.5	17	18	0.2	0.2
DN15	0.2	17	22	23	0.25	0.25
DN20	0.2	21	27	28	0.27	0.3
DN25	0.2	26	32	34	0.43	0.4
DN32	0.25	34	40	42	0.55	0.5
DN40	0.25	41	50	52	0.65	0.7
DN50	0.3	51	60	62	0.85	0.9



**金属软管系列**  
 Flexible Metal Hose Series



**金属软管系列**  
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Flexible Metal Hose Series

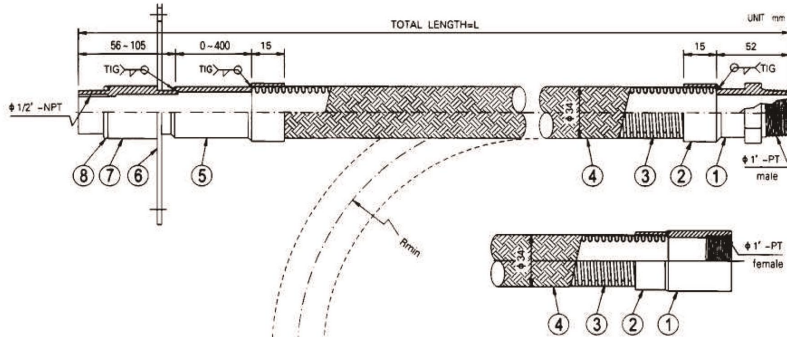


**金属软管系列**  
Flexible Metal Hose Series





## 消防喷淋金属软管 Fire sprinkler metal hose



### 结构组合

项次	配件名称	材质
1	六角立布 / 内牙接头	SUS-304
2	束环	SUS-304
3	波纹管	SUS-304
4	编织管	SUS-304
5	不锈钢管	SUS-304
6	固定翅	SPCC (GALV)
7	转接头	SUS-304
8	O形环	RUBBER

@ 最小弯曲半径: 150mm

### 性能规格

1. 高耐压性能:  
最大工作压力: 14kg/cm  
静态测试压力: 21kg/cm  
爆破压力: 96kg/cm
2. 降低粉尘与污染物:  
整体不锈钢结构, 100%于工厂组装测试, 无需现场额外之密封胶或涂装。
3. 安装简单:  
只要传统硬管配置时间之1/4左右, 即可轻松完成安装, 即省力又省时。有效加速无坐室之认证与运作。
4. 重置简单:  
因设备或楼层配置所产生之洒水头重置, 无需长时间停工, 即可轻易进行。5. 良好的可挠特性  
a. 可有效降低因传统硬管配置误差所产生之拉力, 进而降低开裂之情形发生。  
b. 允许主硬管端与天花板骨架间之相对位移并与地震发生时, 可有效减少因过大拉力造成管线或骨架开裂, 进而影响气密。

### Performance specifications

1. High voltage resistance performance:  
Maximum working pressure: 14kg/cm  
Static test pressure: 21kg/cm  
Burst pressure: 96kg/cm
2. Reduce dust and pollutants:  
The overall stainless steel structure is 100% assembled and tested in the factory, without the need for additional sealing or coating on site.
3. Easy installation:  
With only about 1/4 of the traditional hard tube configuration time, installation can be easily completed, saving both effort and time. Effectively accelerate the certification and operation of non seated rooms.
4. Simple reset:  
The reset of sprinkler head caused by equipment or floor configuration can be easily carried out without prolonged shutdown.
5. Good flexibility characteristics  
a. It can effectively reduce the tension caused by traditional hard tube configuration errors, thereby reducing the occurrence of cracking.  
b. Allowing relative displacement between the main hard pipe end and the ceiling skeleton can effectively reduce pipeline or skeleton cracking caused by excessive tension during earthquakes, thereby affecting air tightness.

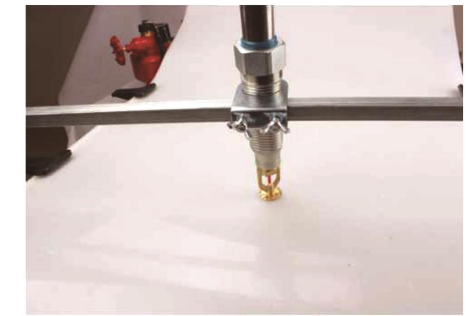
### 流量测试数据

产品总长 L (mm)	Hazen-William C=100, 流速: 115L/min	
	等价管长 (φ1"-sch40s) /m	
	直线测试 @0°	弯曲测试 @90°
600	1.4	1.7
900	1.9	2.1
1200	2.3	2.4
1500	2.8	2.9
1800	3.2	3.4
2100	3.6	3.7
2400	4.0	4.1

# 以上产品长度仅供参考, 客户可依实际需求订制。

#The above product lengths are for reference only, and customers can customize according to their actual needs

## 消防喷淋金属软管 Fire sprinkler metal hose



## 衬四氟金属软管 PTFE Lined Metal hose

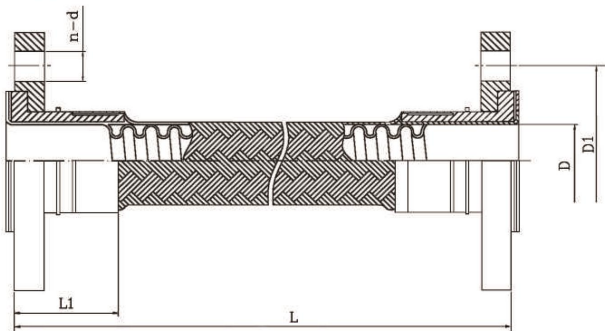


聚四氟乙烯软管具有耐酸、碱、盐、溶剂性、非粘附性、润滑性等特点广泛应用于化工行业。它由四氟波纹管、外部不锈钢网套、两端不锈钢法兰或螺纹接头等组成。

Teflon hose has been widely used in chemical industry for its anti-acid, alkali and solution, high heat resistance, and unadhesion etc... It consists of Teflon corrugated pipe, external stainless steel braid and stainless steel flange on both side.

该管通过特殊的加工方法,改变了以往管道不能绕曲的特性,它可用来连接机械较低的石墨、陶瓷或玻璃管道,可作槽车、贮罐、容器或反应釜的给、排料管,可进行管道错位连接或用来平衡因气候或其它原因引起的管道位移、尺寸变化或用来消除高频机械的振动。在特殊场合还可作管式反应器或热交换器等作用。

The tube through a special processing method, the pipeline can not change the past, flexural properties, it can be used to connect lower mechanical graphite, ceramic or glass pipes, can be used as tankers, tank, container or to the reactor, nesting pipe, the pipe can be used for pipe connection or dislocation of the displacement, the size of the balance changes due to weather or other causes, or to eliminate the high-frequency mechanical vibrations. On special occasions but also for the role of a tubular reactor or heat exchanger.



## 四氟波纹管 PTFE Corrugate hose



**特征:** 本产品由聚四氟乙烯波纹管用钢丝编织增强,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  $-50^{\circ}\text{C} \sim +210^{\circ}\text{C}$ , 短暂性耐温  $-70^{\circ}\text{C} \sim +260^{\circ}\text{C}$ 。

**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、蒸汽输送等的软管连接。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。

**Features:** This product is reinforced by steel wire braided with PTFE corrugated hose. The two ends are fitted with metal joints to form hose assemblies. It has the characteristics of bending resistance, small bending radius, high resistance, low temperature, pressure resistance, corrosion resistance, non-sticking and long service life.

**Inner layer:** corrugated hose made of PTFE, its characteristics are high temperature resistance, corrosion resistance, non-stick, bending resistance, small bending radius and other characteristics.

**Outer layer:** made of stainless steel SUS304 woven mesh, strengthens hose tube hardness, improves pressure resistance, and connects various quick joints.

**Working temperature characteristic:** continuous temperature resistance  $-50 \sim +210^{\circ}\text{C}$ , transient temperature resistance  $-70^{\circ}\text{C} \sim +260^{\circ}\text{C}$ .

**Usage:** Suitable for rubber, plastic, clothing, automobile, machine tools, shipbuilding, motor, diesel engine, paper and other industries to do hydraulic, pneumatic, steam transmission and other software connectors. It has better performance and service life than other hoses for conveying cold and hot alternating liquid, gas and strong corrosive medium.

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/cm <sup>2</sup> ) Working Pressure	最小破坏压力 (kg/cm <sup>2</sup> ) Min. Burst Pressure	最小弯曲半径 mm $\pm$ 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  $1\text{psi} (1\text{磅} / \text{英寸}^2) = 0.0703\text{kg} / \text{cm}^2$   $1\text{bar} (\text{巴}) = 1.0197\text{kg} / \text{cm}^2$

## 真空金属波纹管 Vacuum metal bellows



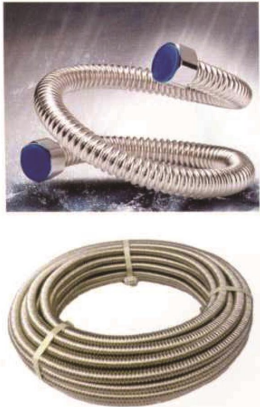
### 真空金属波纹管

真空波纹管管壁较薄,柔软性能好,具有良好的抗震性能,外观美观焊口光滑,经过氦质谱仪检漏测试,常见的连接形式有接管、真空卡盘、真空法兰 IO, KF, CF 系列,常用于真空泵、真空镀膜机,太阳能集热装置

### Vacuum metal bellows

Vacuum bellows have thin walls, good flexibility, good seismic performance, beautiful appearance and smooth weld. After leak detection by helium mass spectrometer, the common connection forms are nozzle, vacuum chuck, vacuum flange IO, KF, CF series, which are often used in vacuum pumps, vacuum coating machines, solar collectors.

## 不锈钢波纹管 Stainless steel corrugated pipe



### 如何制作波纹管 How to make corrugated pipes

金属波纹管材质为 SS304, 属于食品级不锈钢, 现在广泛用于家庭中做水管连接管, 太阳能、上水管、燃气壁挂炉等, 是塑料管和橡胶管的替代品

用户可以自己购买软管和接头, 根据自己的需求长度, 自己按图制作成品。

Metal corrugated pipe material is SS304, belongs to food-grade stainless steel, is now widely used in households to do pipe connections, solar energy, water pipes, gas fireplace wall hanging, is a substitute for plastic pipes and rubber pipes

Users can buy their own hoses and joints, according to the length of their needs, according to their own drawings of finished products.



## 中央空调壁挂炉波纹管

### Wall hanging furnace bellows for central air conditioning

尺寸 1/2 到两寸, 用户可以根据自己需求定制长度, 接头一般有铁镀铬和铜的两种材质, 接头一般是英制扣螺纹, 一般用于中央空调出风口调节安装方向, 壁挂炉输送热水。

Size 1/2 to 2 inches, users can customize the length according to their own needs, joints are generally iron chrome plating and copper two materials, joints are generally inch fastener threads, generally used for central air conditioning outlet to adjust the installation direction, wall hanging furnace to convey hot water.



## 燃气管 Teflon series

定尺管 Uniar tube



不定尺管 Indefinite tube



接头形式 Joint form



内螺纹和插口  
Internal thread and socket

两端内螺纹  
Inner thread at both ends

两端插口  
Two end jacks



### 其他形式的水管和燃气管

Other forms of water pipes and gas pipes.



客户可以自己订制长度、螺纹形式。 Customers can customize their length and thread form.

波纹管内层是 304 不锈钢波纹管经过固溶处理, 外观美观; 结构组织十分柔软, 并且能够定型, 外层是阻燃 PVC。

定尺管是 1/2 的, 长度可以定制, 接头是焊接上的, 结构牢靠, 出厂前试压。

不定尺管是 1/2 和 3/4 的, 安装方法与波纹管类似, 安装完成后务必试压方能投入使用  
一些其他形式的水管和燃气管。

The inner layer of the bellows is 304 stainless steel bellows after solution treatment, the appearance is beautiful; the structure is very soft, and can be shaped, the outer layer is flame retardant PVC.

The sizing pipe is 1/2, the length can be customized, the joint is welded, the structure is reliable, and the pressure is tested before leaving factory.

The indeterminate pipe is 1/2 and 3/4. The installation method is similar to that of corrugated pipe. After installation, it is necessary to test the pressure before putting into use some other forms of pipe and gas pipe.



### 金属软管接头形式一览表

List of metal hose connector form

代号 Code	名称 Name	结构 Structure	口径范围 Diameter range
GXA	平面活套螺母 (M/UNF) 接头 Flat loose nut (M/UNF) joint		6 ~ 50 1/4" ~ 2"
GXC	内锥 (60°) 活套螺母 (M) 接头 Inner cone (60°) loose nut (M) joint		6 ~ 50 1/4" ~ 2"
GXQ	球形活套螺母 (M) 接头 Spherical loose nut (M) joint		6 ~ 50 1/4" ~ 2"
GXY	内锥 (60°) 外螺纹 (M) 接头 Internal cone (60°) external thread (M) joint		6 ~ 50 1/4" ~ 2"
GXH	外锥 (24°) 带 O 型密封圈活套螺母 (M) 接头 Outer cone (24°) with O-type sealing ring, loose nut (M) joint		6 ~ 40 1/4" ~ 1 1/2"
GXT	内锥 (24°) 外螺纹 (M) 接头 Internal cone (24°) external thread (M) joint		6 ~ 40 1/4" ~ 1 1/2"
GXS	榫型活套螺母 (M) 接头 Mortise and tenon type loose nut (M) joint		20 ~ 40 3/4" ~ 1 1/2"
GXW	榫型外螺纹 (M) 接头 Mortise and tenon type external thread (M) joint		20 ~ 40 3/4" ~ 1 1/2"
GXE。	外锥管螺纹 (R/NPT) 接头 External taper pipe thread (R/NPT) joint		6 ~ 50 1/4" ~ 2"
GXE	球型活接头转外锥管螺纹 (R/NPT) 接头 Ball joint to external cone pipe thread (R/NPT) joint		6 ~ 50 1/4" ~ 2"
GXN。	内锥管螺纹 (Rc/NPT) 接头 Internal taper pipe thread (Rc/NPT)		6 ~ 50 1/4" ~ 2"

### 金属软管接头形式一览表

List of metal hose connector form

代号 Code	名称 Name	结构 Structure	口径范围 Diameter range
GXN	球型活接头转内锥管螺纹 (Rc/NPT) 接头 Ball joint to inner cone pipe thread (Rc/NPT) joint		6 ~ 50 1/4" ~ 2"
GXU。	无接管式由壬 (Rc) 接头 Non connected union (Rc) joint		6 ~ 50 1/4" ~ 2"
GXU	接管式由壬 (Rc) 接头 Takeover type union (Rc) joint		6 ~ 50 1/4" ~ 2"
GXLKN	内锥管螺纹拉杆式快速接头 (Rc) Internal cone tube threaded pull rod quick connector (Rc)		15 ~ 150 1/2" ~ 6"
GXLKY	外锥管螺纹拉杆式快速接头 (R) External cone tube threaded pull rod quick connector (R)		15 ~ 150 1/2" ~ 6"
GXQK	内锥管螺纹联接开闭式快速接头 (Rc) Internal cone tube threaded connection open close quick connector (Rc)		6 ~ 50 1/4" ~ 2"
(Y) <sub>R</sub> GXZKF	爪形快速接头母端 Claw shaped quick connector female end		25 ~ 150 1" ~ 6"
(Y) <sub>R</sub> GXZKF	爪形快速接头公端 Claw shaped quick connector male end		25 ~ 150 1" ~ 6"
GXF <sub>1</sub>	接管式平焊法兰接头 Takeover type flat welding flange joint		15 ~ 600 1/2" ~ 24"
GXF <sub>2</sub>	接管式松套法兰接头 Takeover type loose flange joint		15 ~ 600 1/2" ~ 24"
GXF <sub>3</sub>	无接管式平焊法兰接头 Non connected flat welded flange joint		50 ~ 300 2" ~ 12"

### 金属软管接头形式一览表 List of metal hose connector form

代号 Code	名称 Name	结构 Structure	通径范围 Diameter range
GXF <sub>4</sub>	无接管式松套法兰接头 Non connected loose flange joint		50 ~ 300 2" ~ 12"
GXF <sub>5</sub>	凸面高压法兰接头 Convex high-pressure flange joint		32 ~ 200 1 1/4" ~ 8"
GXF <sub>6</sub>	凹面高压法兰接头 Concave high-pressure flange joint		32 ~ 200 1 1/4" ~ 8"
GXJ	接管式接头 Takeover joint		6 ~ 400 1/4" ~ 16"
GXVP	接管式管体 Takeover type pipe body		10 ~ 250 3/8" ~ 10"
GXVN	夹紧式真空法兰接头 Clamping type vacuum flange joint		10 ~ 50 3/8" ~ 2"
GXVG	真空平焊法兰接头 Vacuum flat welding flange joint		25 ~ 250 1" ~ 10"



### 金属软管安装指南 Metal Hose Installation Guide

<p>■角向运动 angular motion</p> $NL=r\theta/180+2(L+z)$ $EL=r\sin\theta+(L+z)+(L+\cos\theta)$ $a=r(1-\cos\theta)+(L+z)\sin\theta$ <p>NL:公称长度 Nor.length EL:安装长度 Assemble length a:运动位移 movement z:不变型长度 (25-90mm)non-deformation length</p>	<p>■横向运动 Cross movdment</p> $NL=r\pi\theta/90+2(L+z)$ $EL=2r\sin\theta+2(L+z)$ $a=2r(1-\cos\theta)$ <p>NL:公称长度 Nor.length EL:安装长度 Assemble length a:运动位移 movement z:不变型长度 (等于软管外径) non-deformation length (equivalent outer dia of hose)</p>
<p>■180°弯曲水平运动 Horizontal movement in U type piping</p> $NL=4r+1.57s+2L$ $EL=1.43r+0.785s+L$ $a=1.43r+s/2+L$ <p>NL:公称长度 Nor.length EL:运动最大高度 Max.height a:运动最小高度 Min.height z:运动位移 Movement</p>	<p>■180°弯曲垂直运动 Vertical movement in U type piping</p> $NL=4r+s/2+2L$ $EL=1.43r+s/2+L$ $a=1.43r+L$ <p>NL:公称长度 Nor.length EL:运动最大高度 Max.height a:运动最小高度 Min.height z:运动位移 Movement</p>

附表 2





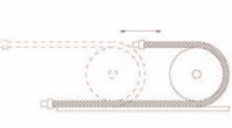
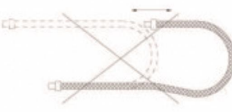
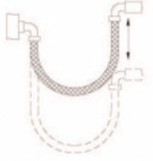
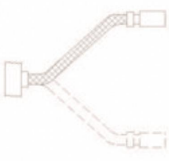




工作压力 (worling pressur)  
P=(公称压力) PN × K

工作温度 (°C) Working temperature	温度修正系数 Temperature Correction Factor K			
	材料 Material			碳钢 Q235-A Carbon steel
	00Cr18Ni11ti(SUS321)	00Cr17NiMo2(SUS316L)	0Cr19Ni9(SUS304)	
20	1	1	1	1
100	0.86	0.84	0.84	0.90
150	0.81	0.78	0.76	0.85
200	0.76	0.72	0.69	0.80
250	0.71	0.69	0.64	0.75
300	0.66	0.64	0.60	0.60
350	0.64	0.62	0.56	0.50
400	0.61	0.60	0.53	0.43
450	0.59	0.58	0.51	
500	0.58	0.57	0.50	
550	0.57	0.56	0.49	
600	0.50	0.50		
工作温度的允许范围 Temperature range	-196℃ +600℃			-20℃ +400℃



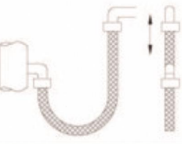
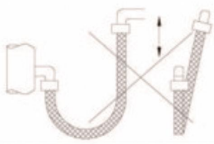


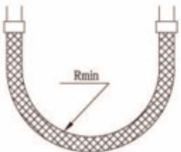

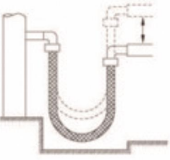
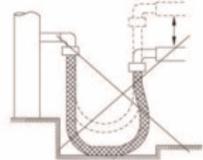
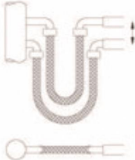
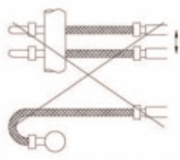
## 金属软管接头形式一览表

List of metal hose connector form

正确 Correct	错误 Incorrect
<p>为保持允许的弯曲半径, 应将盘卷在一起的软管立起, 引拉展开使用。 In order to keep the allowed bending radius, coiling hose should be put vertically, then expanded to use.</p> 	<p>被盘卷在一起的软管, 请不要直接引拉其中的一端使用。 Dont use coiling hose directly.</p> 
<p>使用半圆形滑轮, 以保持其允许的弯曲半径。 Use semi-rowled pulley to keep suitable bending radius.</p> 	<p>极度的弯曲, 将使软管损坏。 Extreme bending can damage the hose.</p> 
<p>采用和软管运动同步的旋转滚轴, 以避免不适当的弯曲。 USE rotary roller with same speed of hose.</p> 	<p>软管长度选择过长, 会产生不规则的弯曲, 是必须注意的。 Select suitable length of hose avoiding irregular bending.</p> 
<p>在小的弯曲部分, 采用刚性弯头, 以保证软管的弯曲半径。 Use fixed angle fitting at small bending part to keep suitable bending radius.</p> 	<p>不适当的弯曲, 会降低软管的使用寿命。 Unappropriate bending will shorten life of hose.</p> 
<p>使用刚性弯头连接, 使软管两端的运动在一条直线上。 Use fixed angle fitting keeping two end of hose moving on one line.</p> 	<p>在扭曲下运动, 会降低软管的使用寿命。 It will shorten life of hose moving under twist.</p> 
<p>在弯曲部分采用刚性弯头, 使软管成直线配管状。 Keep the hose in a line by using fixed angle fitting at bending part.</p> 	<p>过度的弯曲, 会使软管受到损伤。 Extreme bending will damage hose.</p> 

## 金属软管安装指南

Metal Hose Installation Guide

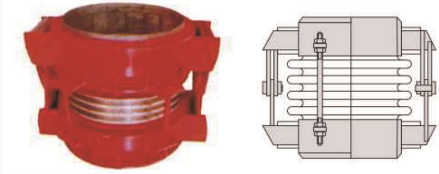
正确 Correct	错误 Incorrect
<p>软管的运动方向与软管的安装应保持在一个平面。 Hose should move with one plane.</p> 	<p>在扭曲下运动, 会降低软管的使用寿命。 It will shorten life of hose moving under twist.</p> 
<p>采用刚性弯头连接, 以保证软管运动时的弯曲半径。 Rigid angle fitting is used to keep suitable bending radius.</p> 	<p>过小的弯曲, 会使软管受到损伤。 Too small bending will damage hose.</p> 
<p>软管安装, 应保证允许的最小弯曲半径。 When assembling hose, Min. bending radius should be guaranteed.</p> 	<p>软管的长度选择过短, 会产生软管过小的弯曲, 这是不允许的。 Too short hose will damage hose.</p> 
<p>运动时, 软管应避免与其它物体发生摩擦。 Avoiding rubbing with other objects when moving.</p> 	<p>运动时, 软管受到其它物体的阻碍, 会产生破坏。 Rubbing will damage hose when moving.</p> 
<p>软管的运动方向与软管的安装应保持在一个平面。 Use fixed angle fitting keeping two end of hose moving on one line.</p> 	<p>不在一个平面内运动的软管, 会降低使用寿命。 It will shorten life of hose moving under twist.</p> 



## 补偿器系列 Compensator Series

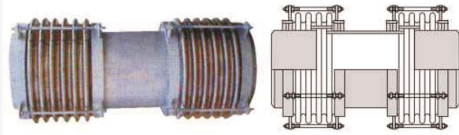
## 补偿器系列 Compensator Series

**单式铰链型波纹补偿器(型号: GXDJ)**  
Single hinge type corrugated compensator (model: GXDJ)



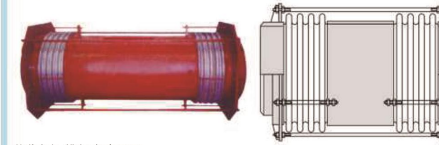
位移方向: 角向(单平面)  
工作压力: (MPa) 0.6, 1.0, 1.6, 2.5  
公称直径: DN40~DN300  
该补偿器由一个波纹管及销轴、铰链板和主板等结构件组成, 只能吸收一个平面内的角位移并能承受波纹管压力、推力, 吸收位移时应有两个或三个角向膨胀节组合使用。  
Displacement direction: Angular (single plane)  
Work pressure: (MPa) 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN40~DN300  
The compensator consists of a corrugated tube, a pin shaft, a hinge plate, and a main plate, which can only absorb angular displacement in one plane and withstand the pressure and thrust of the corrugated tube. When absorbing displacement, two or three angular expansion joints should be used in combination.

**煤粉管道用三向波纹补偿器(型号: GXMFS)**  
Three way corrugated compensator for coal powder pipeline (model: GXMFS)



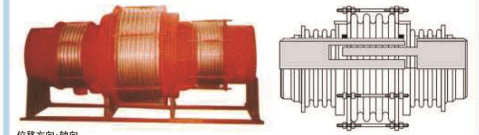
位移方向: 横向、角向、轴向  
工作压力: (MPa) 0.6, 1.0  
公称直径: DN200~DN600  
该膨胀节将导流筒与接管做成一体, 且厚度也相等, 因而耐磨损的寿命与管线设计相同, 同时在波纹管内采用无机纤维棉作填充物以防止煤粉进入波纹管, 保证了波纹管补偿功能不受影响。  
Displacement direction: lateral, angular, axial  
Work pressure: (MPa) 0.6, 1.0  
Nominal diameter: DN200~DN600  
The expansion joint integrates the guide tube and the connecting pipe, and the thickness is also equal, so the wear resistance life is the same as the pipeline design. At the same time, inorganic fiber cotton is used as filling material in the corrugated pipe to prevent coal powder from entering the corrugated pipe, ensuring that the compensation function of the corrugated pipe is not affected.

**大拉杆横向型波纹补偿器(型号: GXDHB)**  
Large pull rod transverse corrugated compensator (model: GXDHB)



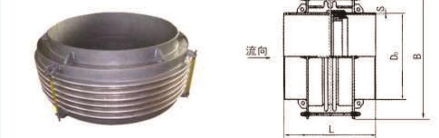
位移方向: 横向(任意平面)  
工作压力: (MPa) 0.6, 1.0, 1.6, 2.5  
公称直径: DN100~DN2400  
该补偿器由中间管所连接的两个波纹管及拉杆、端板和球面与锥面垫圈等结构件组成, 能吸收任一平面内的横向位移并能承受波纹管压力、推力。  
Displacement direction: horizontal (any plane)  
Work pressure: (MPa) 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN100~DN2400  
The compensator consists of two corrugated pipes connected to the middle pipe, as well as structural components such as tension rods, end plates, and spherical and conical washers. It can absorb lateral displacement in any plane and withstand the pressure and thrust of the corrugated pipes.

**直管压力平衡波纹补偿器(型号: GXZYP)**  
Straight pipe pressure balance corrugated compensator (model: GXZYP)



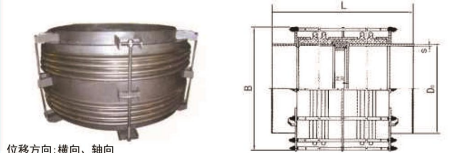
位移方向: 轴向  
工作压力: (MPa) 0.25, 0.6, 1.0  
公称直径: DN200~DN2200  
该补偿器由位于两端的两个工作波纹管及位于中间的一个平衡波纹管及拉杆和球面等结构件组成, 主要用于吸收轴向位移并能承受波纹管压力、推力, 其通过受力构件承受内压压力, 改变了波纹管受力状况, 平衡介质内压在管道横截面或弯头处对管道的固定支架产生附加侧向力, 释放了管道和固定支架的内应力, 减少了固定支架的体积, 延长了管道的使用寿命, 保证了管道安全运行。  
Displacement direction: axial  
Work pressure: (MPa) 0.25, 0.6, 1.0  
Nominal diameter: DN200~DN2200  
The compensator consists of two working bellows located at both ends, a balancing bellows located in the middle, and structural components such as tension rods and end plates. It is mainly used to absorb axial displacement and balance corrugated pipe pressure and thrust. It bears internal pressure thrust through load-bearing components, changed the stress condition of the corrugated pipe, balanced the pressure inside the medium, and increased the production of fixed supports for the pipeline at the blind end section or elbow. The additional lateral force released the internal stress of the pipeline and fixed bracket, reduced the volume of the fixed bracket, and extended the pipeline service life to ensure the safe operation of the pipeline.

**高温轴向型(型号: GXSGZ)**  
High temperature axial type (model: GXSGZ)



位移方向: 轴向  
工作压力: (MPa) 0.1~0.6  
设计温度: T=1400℃  
公称直径: DN600~4400mm  
高温轴向型补偿器是由一个波纹管及两个相邻管道、设备相接的端管(或法兰)以及隔热材料组成的单式耐高温轴向补偿器。  
Displacement direction: axial  
Work pressure: (MPa) 0.1~0.6  
Design temperature: T=1400℃  
Nominal diameter: DN600~4400mm  
The high-temperature axial compensator is a single type high-temperature axial compensator composed of a corrugated pipe, two adjacent pipes, end pipes (or flanges) connected to equipment, and insulation materials.

**高温复式拉杆型补偿器(型号: GXFGZ)**  
High temperature compound rod type compensator (model: GXFGZ)



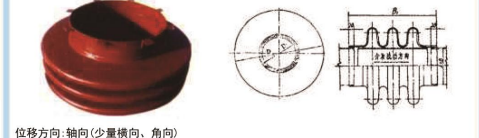
位移方向: 横向、轴向  
工作压力: (MPa) 0.1~0.6  
设计温度: T=1400℃  
公称直径: DN400~4400mm  
高温复式拉杆型补偿器是由两个相同的波纹管、端管、端板、中间管和拉杆以及隔热材料组成的挠性部件, 用于补偿平面或多平面弯曲管段的横向位移或直管段的轴向位移, 拉杆能承受压力、推力和其它附加外力的作用。  
Displacement direction: lateral, axial  
Work pressure: (MPa) 0.1~0.6  
Design temperature: T=1400℃  
Nominal diameter: DN400~4400mm  
The high-temperature compound tension rod compensator is composed of two identical corrugated pipes, end pipes, end plates, and a middle part. Flexible components composed of pipes, rods, and insulation materials. Used to compensate for lateral displacement or straightness of curved pipe sections in a plane or multiple planes. Axial displacement of the pipe section. The pull rod can withstand pressure, thrust, and other additional external forces.

**曲管压力平衡波纹补偿器(型号: GXQYP)**  
Curved tube pressure balance corrugated compensator (model: GXQYP)



位移方向: 轴向、横向(任意)  
工作压力: (MPa) 0.25, 0.6, 1.0  
公称直径: DN100~DN2200  
该补偿器由一个工作波纹管及中间管所连接的两个工作波纹管及一个平衡波纹管及弯头三通、封头、拉杆、端板和球面与锥面垫圈等结构件组成, 主要用于吸收轴向和横向组合位移并能承受波纹管压力、推力, 该膨胀节的管部(或弯头)有两个工作波纹管, 后部(即)有一个平衡波纹管组成, 工作波纹管吸收来自管段的横向位移并能承受波纹管压力, 因此该膨胀节常用于泵、罐、压缩机、气轮机等设备出入口处, 以减少对上述设备的作用力。  
Displacement direction: axial, lateral (arbitrary)  
Work pressure: (MPa) 0.25, 0.6, 1.0  
Nominal diameter: DN100~DN2200  
This compensator consists of two working corrugated pipes connected by a working corrugated pipe or an intermediate pipe, a balancing corrugated pipe, and structural components such as elbows or tees, heads, pull rods, end plates, and spherical and conical washers. It is mainly used to absorb axial and lateral combined displacements and balance corrugated pipe pressure and thrust. The front part (connecting end) of the expansion joint has two working corrugated pipes, and the rear part (end) is composed of a balancing corrugated pipe. The working corrugated pipe absorbs the lateral displacement generated from the bent pipe section, and the balancing corrugated pipe absorbs the axial displacement from the straight pipe section. Then the bent pipe section undergoes lateral displacement, the spherical joint on the tension rod rotates around the convex washer, and the tension rod bears the internal pressure thrust. Therefore, this expansion joint is generally used at the outlet of pumps, tanks, compressors, gas turbines and other equipment to reduce the force on the above equipment.

**烟风煤粉管道圆形波纹补偿器**  
Circular corrugated compensator for smoke, air, coal powder pipeline



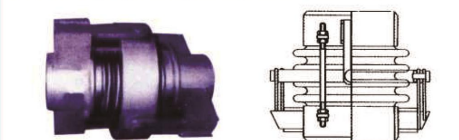
位移方向: 轴向(少量横向、角向)  
工作压力: 真空~0.25MPa  
规格有: DN200~DN3600圆形单波、双波和三波补偿器 23 种; DN400~DN1400圆形单波密封式补偿器 12 种。该补偿器具有补偿量大、刚度小、便于安装使用和寿命长等特点, 可根据用户要求选用不锈钢或碳钢制造成型波纹补偿器, 内衬耐, 法兰一般选用碳钢。  
Displacement direction: axial (with a small amount of lateral and angular)  
Working pressure: Vacuum~0.25MPa  
There are 23 specifications for circular single wave, double wave, and three wave compensators ranging from DN200 to DN3600; DN400~DN1400 circular single wave sealed type 12 types of compensators. This compensator has the characteristics of large compensation amount, low stiffness, easy installation and use, and long service life. It can be customized according to the user's needs. It is required to use stainless steel or carbon steel to manufacture U-shaped or V-shaped bellows, inner lining cylinder, and flanges generally made of carbon steel.

**复式自由型波纹补偿器(型号: GXFZB)**  
Compound free type corrugated compensator (model: GXFZB)



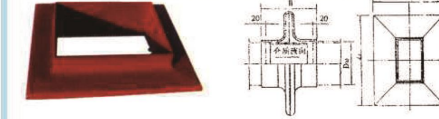
位移方向: 横向、轴向  
工作压力: (MPa) 0.25, 0.6, 1.0, 1.6, 2.5  
公称直径: DN100~DN600  
该补偿器由中间接管所连接的两个波纹管及结构件组成主要用于吸收轴向和横向组合位移并能承受波纹管压力、推力, 它在吸收横向位移的同时, 还吸收轴向位移, 小拉杆不能承受内压推力。  
Displacement direction: lateral, axial  
Work pressure: (MPa) 0.25, 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN100~DN600  
This compensator consists of two corrugated pipes and structural components connected by a middle connecting pipe, mainly used to absorb axial and lateral combined displacement. Cannot withstand the pressure and thrust of corrugated pipes. It not only absorbs lateral displacement but also axial displacement, which the small rod cannot withstand internal pressure thrust.

**万向铰链型波纹补偿器(型号: GXWJ)**  
Universal hinge type corrugated compensator (model: GXWJ)



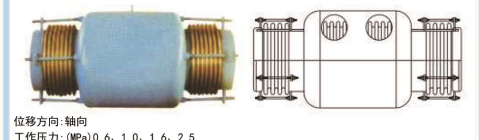
位移方向: 角向(任意平面)  
工作压力: (MPa) 0.6, 1.0, 1.6, 2.5  
公称直径: DN40~DN3000  
该补偿器由一个波纹管及销轴、铰链板、万向环和立板等结构件组成, 能吸收任一平面内的角位移并能承受波纹管压力、推力, 通常吸收位移时, 应有两个或三个组合使用。  
Displacement direction: Angular direction (any plane)  
Work pressure: (MPa) 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN40~DN3000  
The compensator consists of a corrugated pipe, a pin shaft, a hinge plate, a universal ring, and a vertical plate, which can absorb angular displacement in any plane and withstand the pressure and thrust of the corrugated pipe. Usually, when absorbing displacement, two or three combinations should be used.

**烟风煤粉管道矩形波纹补偿器**  
Rectangular corrugated compensator for smoke air coal powder pipeline



位移方向: 轴向(少量横向、角向)  
工作压力: 真空~0.25MPa  
规格有: 300x400~6000x5000矩形单波、双波和三波补偿器 98 种。  
该补偿器具有补偿量大、刚度小、便于安装使用和寿命长等特点, 可根据用户要求选用不锈钢或碳钢制造成型波纹补偿器, 内衬耐, 法兰一般选用碳钢。  
Displacement direction: axial (with a small amount of lateral and angular)  
Working pressure: Vacuum~0.25MPa  
There are 98 types of rectangular single wave, double wave, and triple wave compensators with specifications ranging from 300x400 to 6000x5000. This compensator has the characteristics of large compensation amount, low stiffness, easy installation and use, and long service life. Stainless steel or carbon steel can be selected according to user requirements to manufacture U-shaped or V-shaped bellows, inner lining cylinder, and flange generally made of carbon steel.

**内外压平衡波纹补偿器(型号: GXNWP)**  
Internal and External Pressure Balance Ripple Compensator (Model: GXNWP)



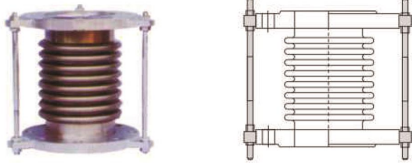
位移方向: 轴向  
工作压力: (MPa) 0.6, 1.0, 1.6, 2.5  
公称直径: DN100~DN200  
该膨胀节是由中间内压的一个内压的平衡波纹管和一个外压的平衡波纹管组成, 体积小, 其柱失稳波数比直管压力平衡补偿器增加一倍, 因为中间两组波纹管受外压作用, 稳定性好, 两组受内压作用的波纹管因为中间有两个支点支撑, 每组可视为两端固定, 计算柱失稳波数时, 只计一组的波数。  
Displacement direction: axial  
Work pressure: (MPa) 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN100~DN200  
This expansion joint is composed of an internal pressure working wave and an external pressure equilibrium wave, with a small volume and a column. The unstable wave number is doubled compared to the straight pipe pressure balance compensator, because the two sets of corrugated pipes in the middle are subjected to external pressure and have good stability. The corrugated pipes subjected to internal pressure can be regarded as fixed at both ends of each group due to the support of two pivot points in the middle. When calculating the wave number of column instability, only count one set of wave numbers.



## 补偿器系列 Compensator Series

### 波纹补偿器(单向轴向型GXZ)

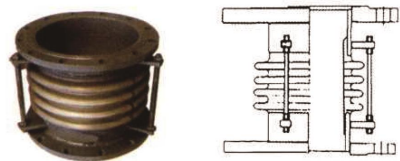
Ripple compensator (unidirectional axial type GXZ)



位移方向: 轴向(少量的横向、角向)  
工作压力: (MPa) 0.6、1.0、1.6、2.5  
公称口径: DN15~DN1200  
该膨胀节由一个波纹管及结构件组成, 主要用于吸收轴向位移和少量的横向、角向位移, 结构简单, 造价低, 又称通用型补偿器。  
Displacement direction: axial (with a small amount of lateral and angular)  
Work pressure: (MPa) 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN15~DN1200  
This expansion joint consists of a corrugated pipe and structural components, mainly used to absorb axial displacement and a small amount of lateral and angular displacement. It has a simple structure and low cost, and is also known as a universal compensator.

### 排烟管波纹补偿器(型q-GXPY)

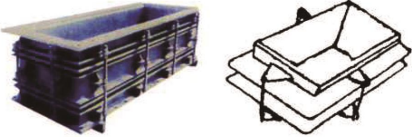
Smoke exhaust pipe corrugated compensator (type q-GXPY)



位移方向: 轴向  
工作压力: (MPa) 0.25、0.6、1.0、1.6、2.5  
公称口径: DN32~DN400  
该膨胀节由弹性不锈钢波纹管与法兰、导流桶组成, 具有弹性好、位移量大、耐高温、耐腐蚀、安装方便等特点, 主要用于电厂、发电机的排烟管。  
Displacement direction: axial  
Work pressure: (MPa) 0.25, 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN32~DN400  
This expansion joint is composed of elastic stainless steel corrugated pipes, flanges, and guide buckets. It has the characteristics of good elasticity, large displacement, high temperature resistance, corrosion resistance, and easy installation. It is mainly used for exhaust pipes in power plants and generators.

### 复式矩形波纹补偿器(型号: GXJXB)

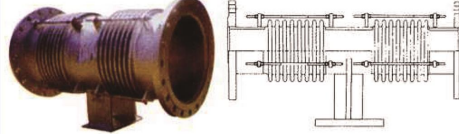
Compound rectangular corrugated compensator (model: GXJXB)



位移方向: 横向、轴向  
工作压力: 真空~0.1MPa  
公称口径: 任意尺寸  
波形: OE波、V形波、UV形波  
材料: 考顿钢(OE波)、不锈钢、碳钢等  
角部: 圆角、斜角、像机角  
Displacement direction: lateral, axial  
Working pressure: Vacuum~0.1MPa  
Nominal diameter: any size  
Waveform: OE wave, V-shaped wave, UV wave  
Materials: Cotton steel (OE wave), stainless steel, carbon steel, etc  
Corner: rounded corner, oblique angle, camera angle

### 复式带座波纹补偿器(型号: GXFZZ)

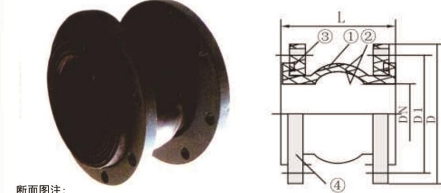
Duplex bellows compensator with seat (model: GXFZZ)



位移方向: 轴向  
工作压力: (MPa) 0.25、0.6、1.0、1.6、2.5  
公称口径: DN32~DN200  
该膨胀节由两个波纹管及其中间支座和导流桶组成, 用于补偿管道中的轴向位移。  
Displacement direction: axial  
Work pressure: (MPa) 0.25, 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN32~DN200  
The expansion joint is mainly composed of two corrugated pipes connected by a middle connecting pipe, as well as their middle support and guide bucket, used to compensate for axial displacement in the pipeline.

### KDTF(KXT)型可曲挠橡胶减震器

KDTF (KXT) type flexible rubber shock absorber



断面图注:  
1、网衬层(浸胶尼龙布)  
2、内外面橡胶层(高强度耐老化极性橡胶)  
3、骨架(多股钢丝)  
4、法兰(钢制镀锌)丝接头  
Section diagram note:  
1. Mesh steel layer (impregnated nylon curtain fabric)  
2. Inner and outer rubber layers (high strength aging resistant polar rubber)  
3. Skeleton (multi strand steel wire)  
4. Flange (galvanized steel) wire joint

### 单式轴向型(型号: GXZJ-J)

Single axial type (model: GXZJ-J)

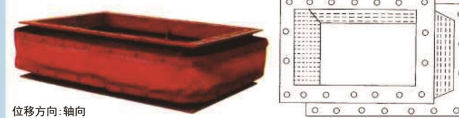


位移方向: 轴向(少量角度)  
工作压力: (MPa) 0.25~2.5  
公称口径: DN32~DN3000  
该膨胀节由一个波纹管及结构件组成, 主要用于吸收轴向位移而不能承受波纹管压力推力, 此产品结构简单, 造价低。  
Displacement direction: axial (small angle)  
Work pressure: (MPa) 0.25~2.5  
Nominal diameter: DN32~DN3000  
This expansion joint consists of a corrugated pipe and structural components, mainly used to absorb axial displacement but cannot withstand the pressure and thrust of the corrugated pipe. This product has a simple structure and low cost.

## 补偿器系列 Compensator Series

### 非金属补偿器(膨胀节)

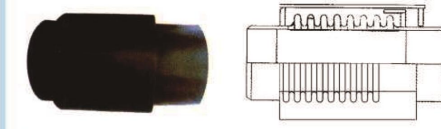
Non metallic compensator (expansion joint)



位移方向: 轴向  
工作压力: (MPa) 0.01~+0.01 圈带自由  
长度: 140~900mm  
由多层复合材料制成, 吸收轴向位移和侧向位移是沿圈带的轴向长度而定。  
其特点为可以补偿多方向的安装误差, 消声减震, 无反弹力, 体轻安装方便, 价格低于金属补偿器。适用于钢铁、石油化工、电力、水泥、空调送风系统以及工业中输送气体(或含尘气体)的低压管道作补偿、减振用。  
Displacement direction: axial  
Work pressure: (MPa) 0.01~+0.01 circle with freedom  
Length: 140~900mm  
Made of multi-layer composite materials, the absorption of axial and lateral displacement is determined by the axial length of the coil.  
Its characteristic is that it can compensate for multi-directional displacement; can compensate for appropriate installation errors. Noise reduction and shock absorption; No rebound force; Lightweight and easy to install; The price is lower than that of metal compensators. Suitable for compensating displacement and vibration reduction of low pressure pipelines used in steel, petrochemical, power, cement, air conditioning supply systems, and industrial gas (or dusty gas) transportation.

### 无约束型波纹补偿器(型号: GXWYS)

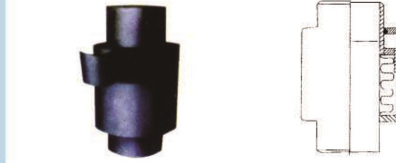
Unconstrained ripple compensator (model: GXWYS)



位移方向: 轴向  
工作压力: (MPa) 0.25、0.6、1.0、1.6、2.5  
公称口径: DN32~DN400  
无约束型补偿器是以消除通用型补偿器对管道支架的较多约束而得名, 可以有效的抵抗管道横向位移和角向位移, 既有柱状稳定性和自导能力, 又有克服安装误差、体积小、补偿量大、经济实惠、安全可靠的特点, 可以避免“扭曲和失稳”所造成的损失。  
Displacement direction: axial  
Work pressure: (MPa) 0.25, 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN32~DN400  
Unconstrained compensator is named after the elimination of many constraints on pipeline supports by universal compensators. It can effectively resist lateral and angular displacement of pipelines, and has both columnar stability and self guiding ability. It also has the characteristics of overcoming installation errors, small size, large compensator, affordability, safety and reliability, and can avoid losses caused by "distortion and instability".

### 直埋式波纹补偿器(型号: GXZM)

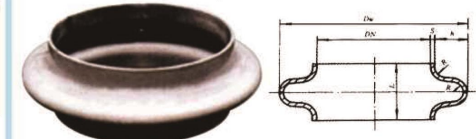
Directly buried corrugated compensator (model: GXZM)



位移方向: 轴向  
工作压力: (MPa) 0.25~2.5  
公称口径: DN32~3000  
该补偿器用于地下直埋管道的补偿器, 由防碰外层保护波纹管, 轴向补偿量大, 有一定性的自导能力。  
Displacement direction: axial  
Work pressure: (MPa) 0.25~2.5  
Nominal diameter: DN32~3000  
This compensator is used for compensating underground buried pipelines. The corrugated tube is protected by an anti-collision outer layer, with a large axial compensation and a certain degree of self guiding ability.

### 压力容器波纹补偿器(型号: GXFL)

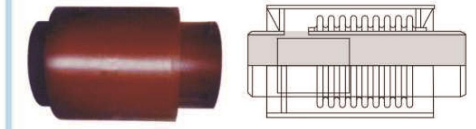
Pressure vessel corrugated compensator (model: GXFL)



位移方向: 轴向  
工作压力: (MPa) 0.25~6.4  
公称口径: DN150~DN200  
XFL型补偿器由两半波零件焊接而成, 用在立式设备上。压力容器波纹补偿器适用于钢制压力容器、钢制管壳式换热器和压力容器, 不适用于直接火焰加热的压力容器。设计温度范围根据钢材允许的使用温度确定。主要规格还有ZWR型(整体成型小波高补偿器, 用在卧式设备上)、ZWR型(整体成型大波高补偿器, 用在立式设备上)、H2L型(由两半波零件焊接而成, 带内衬用在立式设备上)等。  
Displacement direction: axial  
Work pressure: (MPa) 0.25~6.4  
Nominal diameter: DN150~DN200  
The XFL compensator is welded from two half wave components and is used on vertical equipment. The pressure vessel corrugated compensator is suitable for steel pressure vessels, steel shell and tube heat exchangers, and atmospheric pressure vessels, and is not suitable for pressure vessels directly heated by flames. The design temperature range is determined based on the allowable operating temperature of the steel. The main specifications include ZWR type (integral small wave height compensator, used on horizontal equipment), ZWR type (integral large wave height compensator, with inner lining used on horizontal equipment), H2L type (welded from two half wave parts with straight edges, with inner lining used on vertical equipment), etc.

### 外压轴向型波纹补偿器(型号: GXWZ)

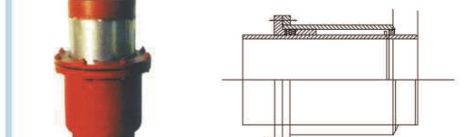
External axial corrugated compensator (model: GXWZ)



位移方向: 轴向  
工作压力: (MPa) 0.25、0.6、1.0、1.6、2.5  
公称口径: DN100~DN200  
该补偿器由承压外压的波纹管及外管和端环等结构件组成, 只用于吸收轴向位移而不能承受波纹管压力、推力。波纹管受外力作用, 波数较多, 因此它能吸收较大的轴向位移。  
Displacement direction: axial  
Work pressure: (MPa) 0.25, 0.6, 1.0, 1.6, 2.5  
Nominal diameter: DN100~DN200  
This compensator consists of corrugated pipes that can withstand external pressure, as well as structural components such as outer pipes and end rings. It is only used to absorb axial displacement and cannot withstand it. Bellows pressure and thrust. The corrugated tube is subjected to external forces and has a large number of wave numbers, so it can absorb significant axial displacement.

### 套筒补偿器(带止退环)(型号: GXTTB)

Sleeve compensator (with retaining ring) (model: GXTTB)



位移方向: 轴向及轴向旋转  
工作压力: 0.25~2.5 (MPa)  
公称口径: DN100~1000  
该补偿器通用输送无腐蚀性的流体, 用于管道的轴向补偿和任意角度的轴向旋转。并装有止退环, 可保证拉至极限时不被拉出, 适用温度 -40℃~150℃。  
Displacement direction: axial and axial rotation  
Work pressure: 0.25~2.5 (MPa)  
Nominal diameter: DN100~1000  
This compensator is suitable for transporting non corrosive fluids and is used for axial compensation and axial rotation of pipelines at any angle. And equipped with a stop ring, it can ensure that it will not be pulled apart when pulled to the limit, suitable for temperatures of -40℃~150℃.

### 补偿器系列 Compensator Series



### 橡胶接头系列 Rubber connector series



产品由内胶层、锦纶帘子布、外胶层复合的橡胶球体和松套金属法兰组成。具有耐压高、弹性好、位移量大、吸震降噪、安装灵活等特点，可广泛用于供水排水、循环水、暖通空调、造纸、石油化工、船舶、压缩机、水泵、风机等管道系统。

The product is made up of the composite rubber ball, including internal rubber layer, nylon fabric, and external rubber layer and the loose metal flange. With the merits of high pressure, stable elasticity, big displacement, good damping capacity and noise reduction, it is widely used in the systems of water supply, drainage, water circulation, heating and ventilating, and air conditioning, and the piping systems of the paper-making, the petrochemical industry, marine, compressors pumps, fans, etc.



KST-F 型可曲挠变径橡胶弯头  
KSF-F type flexible rubber reducing elbow



KDTF (KXT) 型  
KDTF(KXT) type



KYPF (KXT-B) 型  
KYPF(KXT-B) type



FPT 型风机盘管橡胶接头  
FPT type fan coil rubber union



KST-L 型可曲挠双球体橡胶接头  
KST-L type flexible two-ball rubber union



KST-F 型可曲挠单球体橡胶接头  
KST-F type single-ball rubber union



KST-F 型可曲挠双球体橡胶接头  
KST-F type flexible two-ball rubber union



KDTF (KXT) 防脱拉翻边型  
KDTF (KXT) Coupling, Fastened Stud End



KST-F 型可曲挠变径橡胶接头  
KST-F type flexible rubber reducer union

## 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°C ~ +100°C

**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°C up to +100°C

执行标准: GB/T3683-2023 Executive Standard: GB/T3683-2023

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	
5	3/16	4.6	5.4	8.9	10.1	12.5	25.0	3625	250	50.0	7250	500	100.0	14500	1000	3.54	90	0.25
6.3	1/4	6.1	7.0	10.6	11.7	14.1	22.5	3262	225	45.0	6525	450	90.0	13050	900	3.94	100	0.27
8	5/16	7.7	8.5	12.1	13.3	15.7	21.5	3117	215	43.0	6235	430	86.0	12470	860	4.53	115	0.33
10	3/8	9.3	10.1	14.5	15.7	18.1	18.0	2610	180	36.0	5220	360	72.0	10440	720	5.12	130	0.38
12.5	1/2	12.3	13.5	17.5	19.1	21.5	16.0	2320	160	32.0	4640	320	54.0	7830	540	7.09	180	0.46
16	5/8	15.5	16.7	20.6	22.2	24.7	13.0	1885	130	26.0	3770	260	52.0	7540	520	7.87	200	0.54
19	3/4	18.6	19.8	24.6	26.2	28.6	10.5	1522	105	21.0	3045	210	42.0	6090	420	9.45	240	0.65
25	1	25.0	26.4	32.5	34.1	36.6	8.7	1261	87	18.0	2610	180	36.0	5220	360	11.81	300	0.84
31.5	1-1/4	31.4	33.0	39.3	41.7	44.8	6.2	899	62	13.0	1885	130	26.0	3770	260	16.54	420	1.07
38	1-1/2	37.7	39.3	45.6	48.0	52.1	5.0	725	50	10.0	1450	100	20.0	2900	200	19.69	500	1.18
51	2	50.4	52.0	58.7	61.9	65.9	4.0	580	40	8.0	1160	80	16.0	2320	160	24.80	630	1.58
64	2-1/2	63.1	65.1	66.8	68.8	70	3.0	435	30	6.0	870	60	12.0	1740	120	29.92	760	1.74
76	3	75.6	77.1	76.8	82.3	90	1.5	217	15	3.0	435	30	6.0	870	60	36.61	930	2.53
89	3-1/2	88.5	90.0	92.7	94.2	105	1.0	145	10	2.0	290	20	4.0	580	40	43.30	1100	2.87
102	4	101.0	103.0	107.2	109.2	116	1.0	145	10	2.0	290	20	4.0	580	40	49.21	1250	3.50

注: 1Mpa=10Bar=145Psi

## 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°C ~ +100°C

**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°C up to +100°C

执行标准: GB/T3683-2023 Executive Standard: GB/T3683-2023

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	
5	3/16	4.6	5.4	10.6	11.7	14.1	41.5	6017	415	83.0	12035	830	166.0	24070	1660	3.54	90	0.37
6.3	1/4	6.1	7.0	12.1	13.3	15.7	40.0	5800	400	80.0	11600	800	160.0	23200	1600	3.94	100	0.43
8	5/16	7.7	8.5	13.7	14.9	17.3	35.0	5075	350	70.0	10150	700	140.0	20300	1400	4.53	115	0.52
10	3/8	9.3	10.1	16.1	17.3	19.7	33.0	4785	330	66.0	9570	660	132.0	19140	1320	5.12	130	0.59
12.5	1/2	12.3	13.5	19.0	20.6	23.1	27.5	3987	275	55.0	7975	550	110.0	15950	1100	7.09	180	0.71
16	5/8	15.5	16.7	22.2	23.8	26.3	25.0	3625	250	50.0	7250	500	100.0	14500	1000	7.87	200	0.86
19	3/4	18.6	19.8	26.2	27.8	30.2	21.5	3117	215	43.0	6235	430	86.0	12470	860	9.45	240	1.00
25	1	25.0	26.4	34.1	35.7	38.9	16.5	2392	165	33.0	4785	330	66.0	9570	660	11.81	300	1.33
31.5	1-1/4	31.4	33.0	43.2	45.7	49.6	12.5	1812	125	25.0	3625	250	50.0	7250	500	16.54	420	1.60
38	1-1/2	37.7	39.3	49.6	52.0	56.0	9.0	1305	90	18.0	2610	180	36.0	5220	360	19.69	500	1.77
51	2	50.4	52.0	62.3	64.7	68.6	8.0	1160	80	16.0	2320	160	32.0	4640	320	24.80	630	2.32
64	2-1/2	63.1	65.1	74.6	77.8	81.8	7.0	1015	70	14.0	2030	140	28.0	4060	280	29.92	760	2.55
76	3	75.6	77.5	81.9	83.7	92.0	4.0	580	40	8.0	1160	80	16.0	2320	160	36.61	930	3.64
89	3-1/2	88.5	90	94.7	96.2	106.0	3.0	435	30	6.0	870	60	12.0	1740	120	43.30	1100	4.07
102	4	101.5	103	107.7	109.2	118.0	3.0	435	30	6.0	870	60	12.0	1740	120	49.21	1250	4.77

注: 1Mpa=10Bar=145Psi

## 高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose



**结构:** 胶管由内胶层、三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°C ~ +100°C

**CONSTRUCTION:** This hose is composed of an inner tube of oil synthetic rubber, three 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°C up to +100°C

执行标准: GB/T3683-2023 Executive Standard: GB/T3683-2023

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	
5	3/16	4.6	5.4	12.6	13.2	15.7	60	8700	600	120	17400	1200	240	34800	2400	4.09	104	0.51
6.3	1/4	6.1	7.0	14.6	15.2	17.7	50	7250	500	100	14500	1000	200	29000	2000	4.52	115	0.59
8	5/16	7.7	8.5	16.3	16.9	19.5	45	6525	450	90	13050	900	180	26100	1800	5.19	132	0.70
10	3/8	9.3	10.1	18.4	19	21.7	40	5800	400	80	11600	800	160	23200	1600	5.91	150	0.81
12.5	1/2	12.3	13.5	21.4	22	24.9	35	5075	350	70	10150	700	140	20300	1400	8.38	213	0.96
16	5/8	15.5	16.7	24.8	25.4	28.1	30	4350	300	60	8700	600	120	17400	1200	8.89	226	1.18
19	3/4	18.6	19.8	28.8	29.4	32.1	28	4060	280	56	8120	560	112	16240	1120	10.63	270	1.35
25	1	25.0	26.4	35.6	36.2	39.0	20	2900	200	40	5800	400	80	11600	800	13.39	340	1.81
31.5	1-1/4	31.4	33.0	42.2	42.8	46.3	17	2465	170	34	4930	340	68	9860	680	18.50	470	2.13
38	1-1/2	37.7	39.3	48.2	48.8	52.0	12.5	1812	125	25	3625	250	50	7250	500	22.05	560	2.36
51	2	50.4	52.0	61.6	62.2	65.0	11	1595	110	22	3190	220	44	6380	440	27.56	700	3.06
64	2-1/2	63.1	65.1	74.6	75.2	78.0	9	1305	90	18	2610	180	36	5220	360	33.07	840	3.36
76	3	75.6	77.1	87.6	88.2	92.5	5	725	50	10	1450	100	20	2900	200	40.16	1020	4.77
89	3-1/2	88.5	90.0	100.6	101.2	106.0	4.5	652	45	9	1305	90	18	2610	180	47.24	1200	5.27
102	4	101.0	103.0	114.2	115.0	119.5	4	580	40	8	1160	80	16	2320	160	55.12	1400	6.05

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、两层钢丝缠绕层和外胶层组成。

**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°C ~ +120°C

**CONSTRUCTION:** This hose is composed of an inner tube of oil synthetic rubber, two steel wire spiraled 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°C up to +120°C

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

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	最小	A型	Mpa		Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm		
5	3/16	4.6	5.4	12.6	13.2	15.7	60	8700	600	120	17400	1200	240	34800	2400	4.09	104	0.51
6.3	1/4	6.1	7.0	14.6	15.2	17.7	50	7250	500	100	14500	1000	200	29000	2000	4.52	115	0.59
8	5/16	7.7	8.5	16.3	16.9	19.5	45	6525	450	90	13050	900	180	26100	1800	5.19	132	0.70
10	3/8	9.3	10.1	18.4	19	21.7	40	5800	400	80	11600	800	160	23200	1600	5.91	150	0.81
12.5	1/2	12.3	13.5	21.4	22	24.9	35	5075	350	70	10150	700	140	20300	1400	8.38	213	0.96
16	5/8	15.5	16.7	24.8	25.4	28.1	30	4350	300	60	8700	600	120	17400	1200	8.89	226	1.18
19	3/4	18.6	19.8	28.8	29.4	32.1	28	4060	280	56	8120	560	112	16240	1120	10.63	270	1.35
25	1	25.0	26.4	35.6	36.2	39.0	20	2900	200	40	5800	400	80	11600	800	13.39	340	1.81
31.5	1-1/4	31.4	33.0	42.2	42.8	46.3	17	2465	170	34	4930	340	68	9860	680	18.50	470	2.13
38	1-1/2	37.7	39.3	48.2	48.8	52.0	12.5	1812	125	25	3625	250	50	7250	500	22.05	560	2.36
51	2	50.4	52.0	61.6	62.2	65.0	11	1595	110	22	3190	220	44	6380	440	27.56	700	3.06
64	2-1/2	63.1	65.1	74.6	75.2	78.0	9	1305	90	18	2610	180	36	5220	360	33.07	840	3.36
76	3	75.6	77.1	87.6	88.2	92.5	5	725	50	10	1450	100	20	2900	200	40.16	1020	4.77
89	3-1/2	88.5	90.0	100.6	101.2	106.0	4.5	652	45	9	1305	90	18	2610	180	47.24	1200	5.27
102	4	101.0	103.0	114.2	115.0	119.5	4	580	40	8	1160	80	16	2320	160	55.12	1400	6.05

## 高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose



**结构:** 胶管由内胶层、四层钢丝缠绕层和外胶层组成。  
**用途:** 适于输送液流流体、液液压油、燃油、润滑油、乳化液、乙二醇水溶液及水等。  
**工作温度:** -40°C ~ +120°C

**CONSTRUCTION:** This hose is composed of an inner tube of oil synthetic rubber, four steel wire spiraled 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°C up to +120°C

执行标准: GB/T10544-2022 EN856-4SP Executive Standard: GB/T10544-2022 EN856-4SP

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	Min	Max	A型	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi			Bar
mm	Inch	Min	Max	Min	Max	Min	Max												
10	3/8	9.3	10.1	16.9	18.1	20.6	22.2	44.5	6452	445	89	12905	890	178	25810	1780	7.09	180	0.82
12.5	1/2	12.3	13.5	19.4	21.0	23.8	25.4	41.5	6017	415	83	12035	830	166	24070	1660	9.06	230	1.11
16	5/8	15.5	16.7	23.0	24.6	27.4	29.0	35	5075	350	70	10150	700	140	20300	1400	9.84	250	1.30
19	3/4	18.6	19.8	27.4	29.0	31.4	33.0	35	5075	350	70	10150	700	140	20300	1400	11.81	300	1.86
25	1	25.0	26.4	34.5	36.1	38.5	40.9	28	4060	280	56	8120	560	112	16240	1120	13.39	340	2.35
31.5	1-1/4	31.4	33.0	45.0	47.0	49.2	52.4	21	3045	210	42	6090	420	84	12180	840	18.11	460	2.96
38	1-1/2	37.7	39.3	51.4	53.4	55.6	58.8	18.5	2682	185	37	5365	370	74	10730	740	22.05	560	3.73
51	2	50.4	52.0	64.3	66.3	68.2	71.4	16.5	2392	165	33	4785	330	66	9570	660	25.98	660	4.80
64	2-1/2	63.5	65.1	76	78	83.1	85.5	35	5075	350	70	10150	700	140	20300	1400	38.98	990	5.78
76	3	75.3	77.5	100	103	105.1	108.0	35	5075	350	70	10150	700	140	20300	1400	47.24	1200	16.50
89	3-1/2	88.6	90.5	114	115.5	118.0	122.0	35	5075	350	70	10150	700	140	20300	1400	51.18	1300	19.65
102	4	101.0	103.5	126	128	131.0	134.2	35	5075	350	70	10150	700	140	20300	1400	55.10	1400	20.35

## 高压钢丝缠绕胶管

High Pressure Steel Wire Spiraled Rubber Hose



**结构:** 胶管由内胶层、六层钢丝缠绕层和外胶层组成。  
**用途:** 适于输送液流流体、液液压油、燃油、润滑油、乳化液、乙二醇水溶液及水等。  
**工作温度:** -40°C ~ +120°C

**CONSTRUCTION:** This hose is composed of an inner tube of oil synthetic rubber, six steel wire spiraled 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°C up to +120°C

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

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	最小	A型	Mpa	Psi	Bar	Mpa	Psi	Bar			Mpa
mm	Inch	Min	Min	Min	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	Kg/m
10	3/8	10	22.2	24.7	85	12325	850	170	24650	1700	260	37700	2600	6.10	155	1.14
12.5	1/2	12.5	25.2	27.7	85	12325	850	170	24650	1700	260	37700	2600	7.87	200	1.55
16	5/8	16	28.3	30.8	85	12325	850	170	24650	1700	260	37700	2600	9.06	230	1.81
19	3/4	19	32.5	35	85	12325	850	170	24650	1700	260	37700	2600	9.84	250	2.63
25	1	25	39.3	42.3	70	10150	700	140	20300	1400	210	30450	2100	11.81	300	3.33
31.5	1-1/4	31.5	47.5	50.5	70	10150	700	140	20300	1400	210	30450	2100	17.52	445	4.16
38	1-1/2	38	54.1	57.1	70	10150	700	140	20300	1400	210	30450	2100	20.87	530	5.26
51	2	51	67.9	71.9	70	10150	700	140	20300	1400	210	30450	2100	22.05	860	6.73
64	2-1/2	64	81	85	70	10150	700	140	20300	1400	210	30450	2100	47.24	1200	8.02
76	3	76	110.7	115.5	70	10150	700	140	20300	1400	210	30450	2100	51.18	1300	23.0
89	3-1/2	89	123.8	128.6	70	10150	700	140	20300	1400	210	30450	2100	55.12	1400	28.0
102	4	102	137.5	142.3	70	10150	700	140	20300	1400	210	30450	2100	62.99	1600	30.0

## 高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

### SAE100 R1A



**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°C ~ +100°C

**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°C up to +100°C

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	最小	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	
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	76.6	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	988	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



**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°C ~ +100°C

**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°C up to +100°C

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	最小	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	
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	76.6	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	3.42

## 高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

### SAE100 R1AT EN853 1SN



**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°C ~ +100°C

**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°C up to +100°C

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	最小	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	
5	3/16	4.6	5.4	9.0	10.0	11.1	13	26.0	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	0.38
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	46	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	2.42

### SAE100 R2AT EN853 2SN



**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°C ~ +100°C

**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°C up to +100°C

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	最小	最大	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	
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	43.2	45.6	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	2.75
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

## 高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

### EN857-1SC



**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°C ~ +100°C 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°C ~ +100°C .

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		Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar			
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



**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°C ~ +100°C 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°C ~ +100°C .

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		Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar			
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	6.89	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

## 高压钢丝编织胶管

High Pressure Steel Wire Braided Rubber Hose

### EN856-4SH



**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°C ~ +120°C 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°C ~ +120°C

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		A型	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi			Bar	
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	16620	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

## 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°C ~ +100°C 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°C ~ +100°C .

### SAE100 R6



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			
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

## 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。

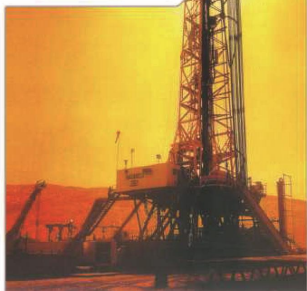
**用途:** 钢丝缠绕钻探胶管用于油田固井、修井及石油地质勘探、小型钻机和水利采煤、输送泥浆及常温水等流体介质。

**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 mm	公差 Tolerance mm	钢丝层直径 Reinforcement Diameter mm		外径 Outside Diameter	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	参考 重量 Weight Kg/m
			尺寸 Size	公差 Tolerance							
51×4SP	51	1.0	63	1.0	69	1.5	35	70	140	660	5.70
64×4SP	64	1.2	77	1.0	84	1.5	35	70	140	990	5.78
76×4SP	76	1.4	101	1.5	107	2	35	70	140	1200	16.50
89×4SP	89	1.4	114	1.5	120	2	35	70	140	1300	19.65
102×4SP	102	1.5	132	1.5	135	2	35	70	140	1400	20.35
51×6SP	51	1.0	66	1.0	71.9	1.5	70	140	210	860	6.73
64×6SP	64	1.2	81	1.0	85	1.5	70	140	210	1200	8.02
76×6SP	76	1.4	109	1.5	115.5	2	70	140	210	1300	23.0
89×6SP	89	1.4	122	1.5	128.6	2	70	140	210	1400	28.0
102×6SP	102	1.5	135	1.5	142.3	2	70	140	210	1600	30.0



## 线编织胶管

Wire braided hose

**用途:** 水、空气、油、蒸汽等

**组成:** 针对用途的内胶层, 聚酯纤维线编织层, 耐候外胶层

**Uses:** water, air, oil, steam, etc

**Composition:** inner adhesive layer, polyester fiber thread woven layer and weather-resistant outer adhesive layer for application



型号	内径	外径	工作压力	爆破压力	长度 (米/条)
5/16	8	17	20KG	60KG	50/100
3/8	10	19	20KG	60KG	50/100
1/2	13	22	20KG	60KG	50/100
5/8	16	26	20KG	60KG	50/100
3/4	19	30	20KG	60KG	50/100
1	25	36	20KG	60KG	50/100
1-1/4	32	44	20KG	60KG	50/100
1-1/2	38	52	20KG	60KG	50/100
1-3/4	45	59	20KG	60KG	50/100
2	51	66	20KG	60KG	50/100

## 蒸汽胶管

Steam Hose/Hot Water Hose



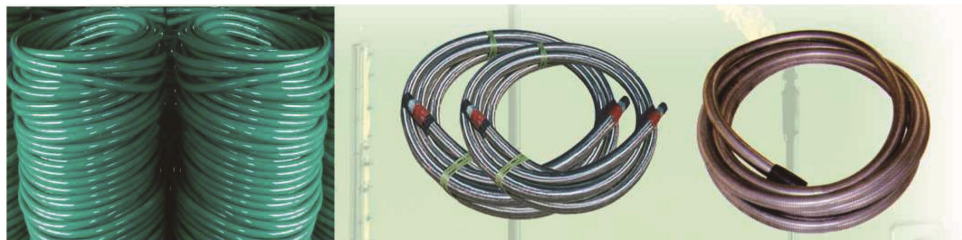
**内胶:** 三元乙丙橡胶  
**增强层:** 线增强或者钢丝增强层  
**外胶:** 耐候橡胶或者三元乙丙橡胶  
**温度范围:** -40°C ~ 210°C  
**应用:** 过蒸汽或者热水, 比如蒸汽清洗机、蒸汽锤、硫化机、注塑机、挤出机等。

**Tube:** EPDM rubber  
**Reinforcement:** Multi-layer fabric (cord thread) spirals or steel wire braids/spirals.  
**Cover:** Environment resistant synthetic rubber or EPDM rubber  
**Temperature Range:** -40°C to 210°C  
**Application:** Used for conveying saturated steam or hot water below 210°C, suitable for flexible pipe of steam cleaner, steam hammer, plate vulcanizing machine and injection molding machine, extrusion equipment.

内径	公差	钢丝编织数量	饱和蒸汽压力	外径	长度
13	0.8	1	0.79	25	20
16	0.8			28	20
19	0.8			31	20
22	0.8			34	20
25	0.8			37	20
32	1.2	2	1.5	44	20
38	1.2			50	20
13	0.8			27	20
16	0.8			30	20
19	0.8			33	20
22	0.8			36	20
25	0.8			40	20
32	1.2			46	20
38	1.2			52	20
45	1.2			59	20
51	1.5	65	20		
64	1.5	78	20		
76	1.5	90	20		

## 铠装胶管、阻燃耐高温胶管

Armored rubber hose, flame retardant and high temperature resistant rubber hose



### 铠装的目的:

- 1、防止胶管受到碰撞或机械摩擦而破损的。
- 2、增加隔热层,可在高温环境下使用,提高使用寿命。

### 铠装胶管的结构形式:

- K型:在胶管外层加隔热材料。  
K1型:在胶管外层编织钢丝网套。  
K2型:在胶管外层加隔热材料,然后再编织钢丝网套。

### 铠装胶管的接头形式:

铠装胶管的接头形式与高压胶管总成的接头和代号完全相同。

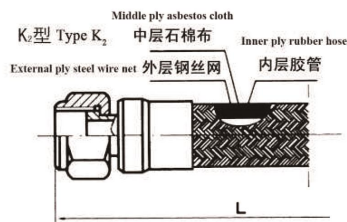
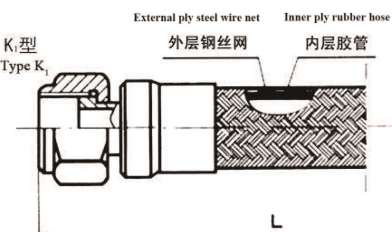
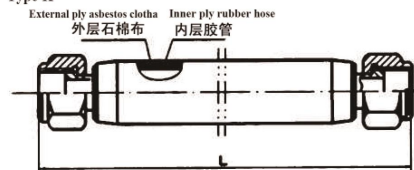
### 铠装胶管总成的标记方法:

铠装胶管总成标记方法是在高压胶管总成的标记方法基础上标出铠装的结构形式。

**The purpose of armor:**  
1. To prevent the hose from being damaged by collision or mechanical friction.  
2. Adding insulation layer can be used in high temperature environments and improve service life.  
**The structural form of armored rubber hose:**  
K-type: Add insulation material on the outer layer of the rubber hose.  
K1 type: Woven steel wire mesh sleeve on the outer layer of the rubber hose.  
K2 type: Add insulation material on the outer layer of the rubber hose, and then weave a steel wire mesh sleeve.  
**The joint form of armored rubber hose:**  
The joint form of the armored rubber hose is exactly the same as the joint and code of the high-pressure rubber hose assembly.  
**Marking method for armored rubber hose assembly:**  
The marking method for armored hose assemblies is to mark the structural form of the armor based on the marking method for high-pressure hose assemblies.

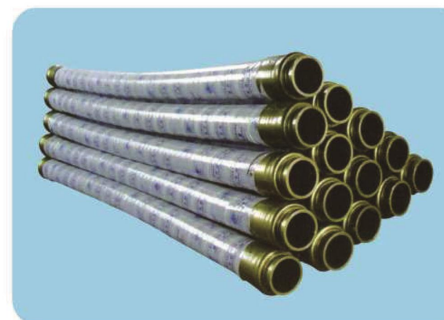


K型  
Type K



## 泵车专用耐磨胶管

Special wear-resistant hose for pump truck



### 应用于

混凝土泵车端部橡胶输送系列软管,适用于建筑工程机械泵车混凝土输送时端部连接。

### 特点

能灵活地变动浇灌位置,小范围的混凝土摊铺,可由人工摆动橡胶软管来完成,具有环保,耐高压,高耐磨,经久,耐用等特点。

### 温度

一般工作温度  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

### 规格

内径长度有客户来定,一般用 DN125\*4 米 或 3 米

**Applied to the:** Concrete pump truck hose end rubber conveyor series, is suitable for construction engineering mechanical pump car when conveying the end connection.

**Special point:** Can be flexibly changed water position, small range of concrete paving, swing by artificial rubber hose to complete, has the environmental protection, high pressure resistance, high wear resistance, durability, durable, etc.

**Temperature:** General working temperature  $40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ .

**Rules:** Inner diameter length have customers. General use DN125\*4m or 3m

## 水泥罐车专用耐磨胶管

Special wear-resistant hose for cement tank car



### 应用于

各种水泥罐车和散装水泥车卸灰管。

### 构造

内耐磨橡胶 + 增强层 + 螺旋管钢丝 + 增强层 + 外耐磨橡胶 (可以外铠装)

### 温度

一般工作温度  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

### 规格

规格长度可以按客户要求来定,一般常用内径 102MM 长度 6 米 - 8 米,内径还可以加大 108MM。

### Applied to the

All kinds of cement tanker and bulk cement car discharge tube.

### Special point

In wear-resisting rubber + enhance + spiral tube steel wire enhancement layer + the wear-resisting rubber.(thearmoured)

### Temperature

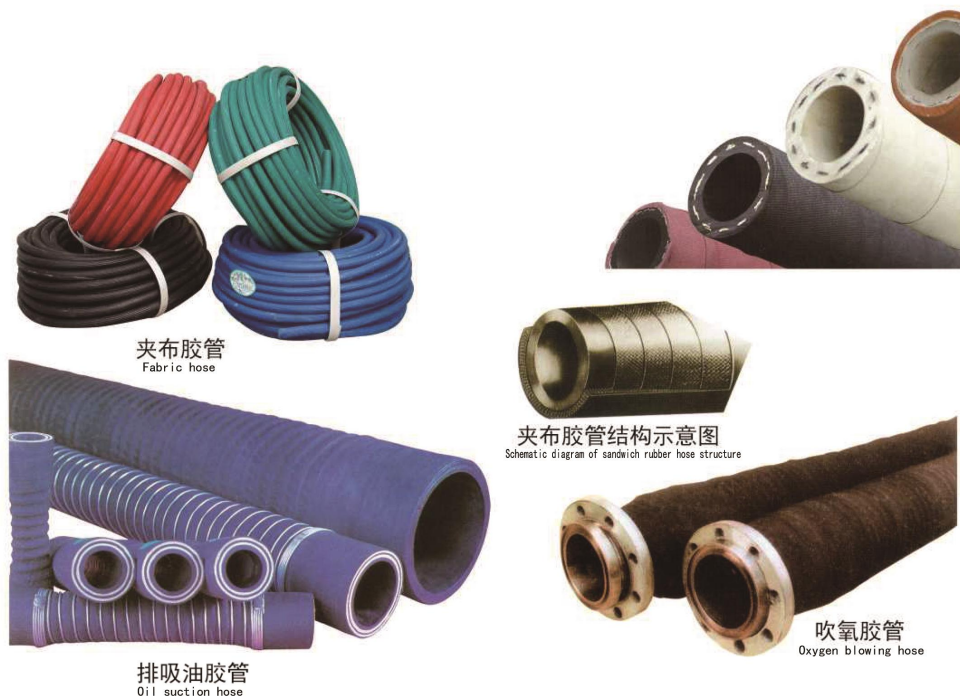
General working temperature  $40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ .

### Rules

Specifications length, we can design according to customer requirements. Usually used 6-8 meters diameter 102 mm length. Inner diameter can be increased 108 mm.

## 中低压胶管系列

Medium low pressure hose series



夹布胶管  
Fabric hose

夹布胶管结构示意图  
Schematic diagram of sandwich rubber hose structure

吹氧胶管  
Oxygen blowing hose

排吸油胶管  
Oil suction hose

产品名称 Name	内径 Inside Diameter (mm)	性能及用途 Performance and use	备注 Remarks
蒸汽胶管 Steam hose	6-76	输送170℃以下的饱和蒸汽或过热蒸汽, 工作压力为蒸汽0.35MPa, 热水0.8MPa Transport saturated steam or superheated water below 170 °C, with a working pressure of 0.35MPa for steam and 0.8MPa for hot water	
输吸油胶管 Oil suction hose	6-152	常温下吸送汽油、机油、润滑油及其它矿物油。工作压力为0.5-1.2MPa。 Suck gasoline, engine oil, lubricating oil, and other mineral oils at room temperature. The working pressure is 0.5-1.2MPa.	也可采用外铠装结构 External armor structure can also be used
输吸食品胶管 Food suction hose	6-152	吸引奶类、酒类、食用油类及液体饮料。工作压力为0.5-0.8MPa。 Attract dairy products, alcoholic beverages, edible oils, and liquid drinks. The working pressure is 0.5-0.8MPa.	
输酸、碱胶管 Acid and alkali conveying hose	19-203	常温下输送稀酸、碱溶液。工作压力为0.5-0.7MPa。 Transporting dilute acid and alkali solutions at room temperature. The working pressure is 0.5-0.7MPa.	输送浓酸时内胶层可采用丁基胶布层可采用玻璃纤维 When transporting concentrated acid, the inner adhesive layer can be made of butyl rubber cloth or glass fiber.
耐磨喷砂胶管 Wear resistant sandblasting hose	19-76	风压喷砂用软管, 工作压力为0.6MPa-15MPa。 Flexible hose for wind pressure sandblasting, with a working pressure of 0.6MPa-15MPa.	水泥罐车用管也可按此生产 Pipes for cement tankers can also be produced according to this method
水箱弯管 Water tank bend pipe	25-102	机车水箱输水用 Locomotive water tank for water supply	
输水胶管 Water delivery hose	10-25	输送60℃以下的生活用水、工业用水的橡胶软管。 Rubber hoses for transporting domestic and industrial water below 60 °C.	
压缩空气用胶管 Rubber hose for compressed air	6-25	工业温度在-20℃~+45℃输送工作压力在2.5MPa以下的工业用压缩空气采矿业和建筑工程用压缩空气。 Industrial compressed air for mining and construction projects with a working pressure below 2.5MPa is transported at an industrial temperature of -20℃~+45℃.	
尼龙线缠绕吹氧胶管 Nylon thread wrapped oxygen blowing hose	51-127	纯氧顶吹转炉用挠性连接管, 工作压力为1.5MPa, 也可采用钢丝编织扣压式, 工作压力可达8MPa。 Pure oxygen top blown converters, with a working pressure of 1.5MPa. Steel wire braided compression can also be used, with a working pressure of up to 8 MPa.	两端硫化金属法兰, 外有石棉保护层。 Two end sulfurized metal flange with asbestos protective layer on the outside.
排(吸)泥胶管 Mud discharge (suction) hose	196-900	挖泥船排(吸)泥沙用, 工作压力为0.4-0.5MPa。 The dredger is used for discharging (sucking) sediment, with a working pressure of 0.4-0.5MPa.	根据设计需要可带有法兰接头 According to design requirements, flange joints can be included
制孔胶管 Perforated rubber hose	25, 32, 40	桥梁公路等工程建筑制孔用, 承受拉力为1.5-2.30kg/根。 Used for making holes in bridges, highway and other engineering buildings, with a tensile strength of 1.5-2.30kg/piece.	外层胶具有良好的撕裂性能 The outer layer of adhesive has good tearing performance

## 吸排胶管

Suction and discharge rubber hose



内胶层: 天然+丁苯合成橡胶, 丁腈或者三元乙丙  
增强层: 高强度聚酯帘子线+螺旋钢丝  
外胶层: 天然+丁苯合成橡胶  
工作温度: -20℃~80℃  
安全系数: 3:1  
参考标准: HG/T3035-2011  
用途: 吸排输送胶管广泛用于处理海水, 工业废水, 石油, 化工, 工业建筑业等。

Inner rubber layer: natural+styrene butadiene synthetic rubber, nitrile or EPDM  
Enhancement layer: high-strength polyester cord+spiral steel wire  
Outer rubber layer: natural+styrene butadiene synthetic rubber  
Working temperature: -20 °C~80 °C  
Safety factor: 3:1  
Reference standard: HG/T3035-2011  
Application: Suction and discharge conveyor hoses are widely used for treating seawater, industrial wastewater, petroleum, chemical, industrial construction, and other industries.

内径 I. D.		外径 O. D.		工作压力 W. P.		爆破压力 B. P.		弯曲半径 B. R.	重量 Weight	长度 Length	
mm	inch	mm	psi	bar	psi	bar	mm	kg/m	ft	mm	
19	3/4"	30	150	10	450	30	100	0.67	200	61	
25	1"	36	150	10	450	30	150	0.84	200	61	
32	1-1/4"	44	150	10	450	30	190	1.2	200	61	
38	1-1/2"	51	150	10	450	30	220	1.5	200	61	
51	2"	64	150	10	450	30	300	1.93	200	61	
64	2-1/2"	78	150	10	450	30	380	2.55	200	61	
76	3"	90	150	10	450	30	450	3.08	200	61	
102	4"	120	150	10	450	30	550	4.97	200	61	
152	6"	171	150	10	450	30	750	8.17	100	30.5	
203	8"	224	150	10	450	30	1100	12.5	100	30.5	

## 喷砂胶管系列

### Sandblasting hose series

通长效喷砂用管具有强韧性, 耐磨性; 采用抗静电橡胶, 能完全去除静电。

温度范围: -40°C (-40° F) 到 +85°C (+185° F)

内层: 黑色、光滑、超耐磨损性, 抗静电。

加强层: 高强度合成芯

外层: 黑色、光滑、超耐磨橡胶、抗静电。



A long-lasting heavy-duty hose exceptionally tough and abrasion resistant for use in sand and steel blasting service: it is manufactured with anti-static rubber granting a complete discharge of static electricity.

**TEMPERATURE RANGE:**

-40°C (-40° F) to +85°C (+185° F)

**TUBE:**

Black, smooth with excellent resistance to abrasion; it is anti-static.

**REINFORCEMENT:**

High strength synthetic cord.

**COVER:**

Black, smooth (wrapped finish) highly abrasion resistant synthetic rubber; it is anti-static.



内径 Inside diameter		外径 Outside diameter		工作压力 Working pressure		爆破压力 Burst pressure		重量 Weight		弯曲半径 Bending radius
mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm
13	1/2	29	1-1/16	12	157	36	530	0.49	0.33	130
19	3/4	35	1-5/16	12	157	36	530	0.61	0.41	190
25	1	40	1-9/16	12	157	36	530	0.84	0.56	254
32	1-1/4	48	1-57/64	12	157	36	530	1.06	0.71	320
38	1-1/2	54	2-1/8	12	157	36	530	1.22	0.82	380
51	2	70	2-13/16	12	157	36	530	2.11	1.41	508
63	2-1/2	83.5	3-1/4	12	157	36	530	3.26	2.23	630

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

## 法兰式疏浚胶管

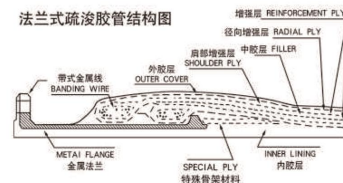
### Flanged Dredging Hose

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.

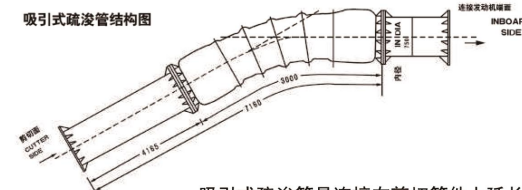
规格尺寸表 Size Table

标准尺寸 Standard Dimension			工作压力 PLY VS. Working Pressure										
金属管 Metal Hose	橡胶管 Rubber Hose	总长 Total Length (mm)	kgf/cm <sup>2</sup>										
内径 IN DIA. (mm)	内径 IN DIA. (mm)		5	7	8	10	12	15	20	25	30		
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	



## 吸引式疏浚胶管

### Suction Dredging Hose



吸引式疏浚管是连接在剪切管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.

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
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## 煤炭液压支架专用胶管总成 Special Rubber Hose Assembly of Coal Hydraulic Stand

1、K<sub>1</sub>型接头适用于液压支架设备 技术标准: 煤炭部 MT98-84

Type K<sub>1</sub> Joint Applied to hydraulic support equipment.

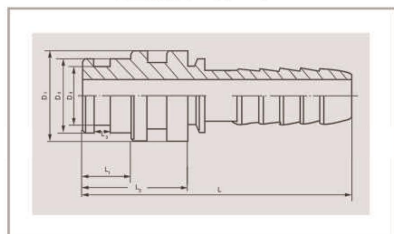
Technical Standard: Ministry of Coal Industry MT98-84

单位: 毫米 L 为订货长度

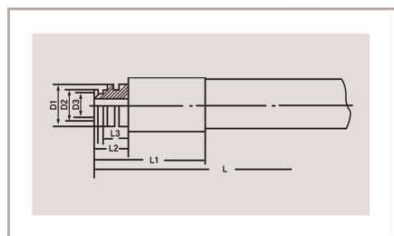
胶管内径	工作压力 公斤/厘米 <sup>2</sup>	最小弯曲半 径 R	D1	D2	D3	L1	L2	L3	备注
Φ6	600	120	15	11	8	12	26	3.8	
Φ8	420	140	18	13	10	12	26	3.8	
Φ10	400	160	18	15	11	12	26	4.5	
Φ13	300	190	22	18	14	12	26	4.5	
Φ16	210	240	25	20	16	14	30	4.5	
Φ19	180	300	28	24	20	15	31	4.5	
Φ25	150	360	35	30	25	15	31	5.6	
Φ32	110	420	42	38	32	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	



K<sub>1</sub>型接头 Type K<sub>1</sub> Joint



K<sub>2</sub>型接头 Type K<sub>2</sub> Joint



2、K<sub>2</sub>型接头 适用于英、法等欧洲国家的综采设备

Type K<sub>2</sub> Joint Applied to the general mining equipment of Britain,

France and other European countries.

单位: 毫米 L 为订货长度

胶管内径	工作压力 公斤/厘米 <sup>2</sup>	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	

## 煤矿专用胶管总成及配件 Special colliery rubber hose assembly and accessories



注液枪系列 Liquid-injection gun



三通 Tee joint



直通、U形销 Straight-through joint



球形截止阀 Ball stop valve



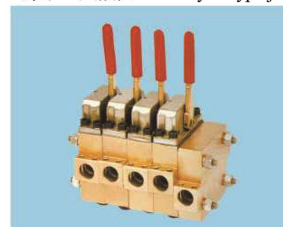
煤矿 K 型接头 Colliery K-type joint



弯头 Elbow



安全阀 Safety valve



操纵阀 Control valve



双向锁 Reversible lock



单体液压支柱三用阀  
Single hydraulic prop three-purpose valve

**高压胶管总成**  
High pressure hose assembly



**胶管接头**  
Rubber hose joint



**快速接头**  
Quick Connector



备注: 材质有不锈钢、铝、铜

Note: Materials are stainless steel, aluminum, copper

**法兰系列**  
Flange Series



**由壬系列**  
Union series



## 树脂管系列 Resin Hose Series



### 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	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

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°C ~ +120°C 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 °C ~+120 °C , it can keep its flexibility and its normal working condition.



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控系统;
- ※ 机械加工设备的液压操作和液控系统;
- ※ 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

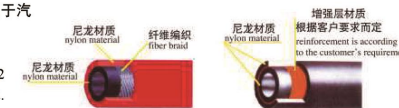
公称内径	增强	外径 mm		允许工作压力 MPa		最小爆破压力 MPa		最小弯曲半径 mm	
		GPU 型	XPU 型	GPU 型	XPU 型	GPU 型	XPU 型	GPU 型	XPU 型
4	I	8.6	8.3	40	22	152	80	85	55
		10.5	9.2	53	28	168	100		
	II	11.5	10.5	31	20	124	45.2		
6	I	12.8	12	42	26	156	64	100	70
		14	13.5	47	32	172	80		
	II	13	12.8	26	19	112	32.8		
8	I	14.5	14	38	24	160	49	115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

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.



## 硅胶管 Silicone Tube



### 产品特点:

1、本产品采用优质食品级硅胶原料和铂金催化体系,并以独特的挤出工艺制造而成,柔韧度极好,耐扭结不变形,具有很高的抗撕强度,对比传统双二硫化工艺的硅胶管,本产品具有透明度高、无味、无毒、透明度高、耐高温、低温、寿命长,长时间使用不变硬、不变色、不变黄、不喷霜等优点。

2、本产品具有良好的物理机械性能、撕裂强度较高、对蛋白质粘合力低,可用于输送各种食品、饮料及各类液体,广泛应用于各行业食品级设备和器械。



### Product features:

1. this product uses the food grade silica gel raw material, and platinum catalytic system, and with unique extrusion process manufacturing and become, flexibility is wonderful, kink deformation resistance, high resistance to tear strength, compared to traditional double vulcanization technology and vulcanization process of silicone tube, this product has high transparency, tasteless, non-toxic, high transparency, high temperature resistant, low temperature, long service life, long time using the same hard, do not change color, the same yellow, do not spray frost, etc.

2. this product has good physical and mechanical properties, high tear strength, low in protein binding power, can be used to transport all kinds of food, beverage and all kinds of liquid, widely used in various industries food grade equipment and instruments.



### 应用范围:

食品类用管制品、食品机械用连接管、婴儿奶瓶吸管、导管等;饮水机、咖啡壶、热水器、电饭锅等用连接管、导管、电器仪器等套管;医药设备连接管路、导管等等。

### 产品性能:

1、耐高低温性:在180℃下可长期使用,在-60℃下仍有弹性;

2、电绝缘性能:硅胶管的介电性能极好,尤其是高温下的介电性能大大超过一般有机橡胶,介电强度在20-180℃范围内几乎不受温度的影响;

3、优异的耐气候、耐臭氧和耐紫外线照射性能,长期在室外使用不发生龟裂。一般认为硅胶管可在室外使用20年以上。

### Product performance:

1. high and low temperature resistance, can be used for a long time under 180 °C, under 60 °C still elastic;

2. electric insulation performance: the dielectric properties of the silicone tube is wonderful, especially the dielectric properties of high temperature organic rubber, considerably more than the general dielectric strength within 20-180 °C is almost not affected by temperature;

3. excellent weather resistance, resistant to ozone and ultraviolet light resistance, long-term use does not occur crack in outdoor. Generally considered the silicone tube can be used in outdoor more than 20 years.

### Range of application:

Food tube products; Food machinery connecting pipe; Baby bottle straws, catheters, etc.; Water dispensers, coffee pot, water heater, electric rice cooker and so on with the connecting pipe, tube; Electrical instruments such as casing; Medical equipment connection pipe, tube, etc.

规格型号表				
0.6×2	4×6	6×12	10×12	16×21
0.8×2	4×7	7×8	10×13	16×22
1×2	4×8	7×9	10×14	16×23
1×3	4×9	7×10	10×15	17×22
1.5×2.5	5×7	7×11	10×16	19×25
1.5×3	5×8	7×12	12×14	20×24
1.7×2.5	5×9	7×13	12×16	20×25
2×3	5×10	8×9	12×18	20×26
2×4	5×11	8×10	13×17	22×26
2×5	6×7	8×11	13×18	25×31
2×6	6×8	8×12	14×17	30×38
3×4	6×9	8×14	14×18	32×38
3×5	6×10	9×12	14×20	32×40
3×6	6×11	9×13	16×20	38×44

## 四氟软管 Teflon Hose



四氟管,学名聚四氟乙烯管(简称F4管、四氟管)是使用高质量的柱塞挤出管,采用特殊加工工艺,使钢管和塑料管紧密结合,能承受正压1.6Mpa,负压:77Kpa;可在-60℃~+260℃内正常使用,具有可靠优良的耐腐蚀性。输送高温下的强腐蚀性气、液体,这是其它管道所不能代替的。

Teflon hose, professional name is polytetrafluoroethylene( short for F4, Teflon hose), use the special processing technology, make the steel pipe and plastic pipe together, can bear positive pressure 1.6 Mpa, negative pressure: 77 kpa. Between -60 °C ~ +260 °C can be used, reliable and excellent corrosion resistance. Handle liquid aerosols, strong corrosion under high temperature, which cannot be replaced by other pipes.

### 聚四氟软管参数表 Teflon Hose Data

内径(毫米) ID (mm)	外径(毫米) OD (mm)	壁厚(毫米) Thickness (mm)	米/克 M/g	米/千克 M/Kg
3	5	1	27.6	36
4	6	1	34.6	28
5	7	1	41.5	24
6	8	1	48.4	20
7	9	1	55.3	18
8	10	1	62.2	16
9	11	1	69.1	14
10	12	1	76.1	13
10	13	1.5	120	8.3
12	14	1	90	11
13	15.2	1.1	107.1	9.4
14	16.2	1.1	114.7	8.7
15	17.2	1.1	122.3	8
16	18.6	1.3	155.4	6.4
18	20.6	1.3	173.3	5.8
19	21.6	1.3	182.3	5.5
20	23	1.5	222.7	4.4
25	29	2	373	2.7
29	32	1.5	428.3	2.3

## 输送带系列 Conveying Belt Series

### 织物芯输送带 Conveying Belt Series

织物芯输送带,以坚韧的涤纶(NN)帆布或涤棉(EP)帆布作骨架。带体轻薄、拉力大,耐冲击,成槽性好,并且防水节能,是当代织物芯输送带的主流。品种除一般用外并有耐热、耐寒、耐酸碱、导电及抗冲击耐撕裂等类型。

#### 技术要求

执行 GB/T7984-2013 普通用途织物芯输送带标准,如果用户要求采用 ISO、DIN、AS、JIS、RMA 请和我们联系。

Fabric conveying belt, with tough polyester canvas or cotton polyester canvas for the skeleton, it is with a thin body, big rally, impact resistance, good slot, and water energy efficiency, so it is the mainstream of contemporary fabric conveying belt. In addition to general use, there are also many other types, such as heat, cold, acid, electrical conductivity, impact and tear resistance.

#### Technical specification

The standard of the general-purpose fabric conveying belt is GB/T7984-2013, if the user requires ISO, DIN, AS, JIS, and RMA, please contact us.

### 普通输送带 General Conveying Belt

普通输送带由多层橡胶棉(涤棉)帆布粘接在一起,上下复以覆盖胶,用于输送中小块状、粒状、粉状物料。品种:按覆盖胶的性能可分为重型、普通型、轻型。

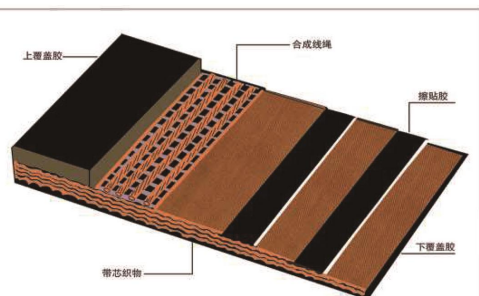
General conveying belt is made by multiple rubber cotton canvas bonding together layer by layer. It is used to transport small and medium blocky, granular, powdered materials.

Varieties: According to the performance of the glue, general conveying belt can be divided into heavy, general and light.

### 挡边环型带 Rib Circular Conveying Belt

我公司研制的电子皮带秤用环型带,选用涤棉交织布、聚酯布作骨架,相应的橡胶为主体材料,经过独特的生产工艺,精制而成。该产品具有厚度均匀、规格精确、运行平稳、耐磨、耐高温、耐酸碱等特性。适用于各种悬臂式、调速式电子皮带秤的计量输送,满足了电子皮带秤的设计要求。

Our company have developed circular conveying belt used to electronic belt scale, polyester cross woven polyester fabric for the skeleton, appropriate rubber as the main material, through a unique production process, refined. The product has a uniform thickness, and accurate specifications, smooth operation, wear resistance, high temperature, acid. It is applicable to measurement of a variety of cantilever, speed control-type electronic belt scale, and meet the design requirements of the electronic belt scale.



双向螺旋托辊组  
Two-way spiral rollers



自动调心托辊组  
Automatic axis adjustable rollers



托辊  
Rollers



抗静电阻燃非金属托辊  
Anti-static and resistant non-metal rollers



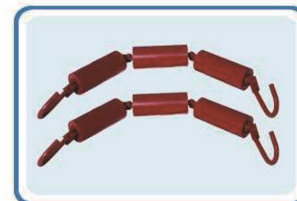
可调槽角双弹簧缓冲托辊组  
Adjustable rabbit double spring buffering rollers



保护带强力大转角自动可调心锥形托辊组  
Power automatic adjustable cone rollers



缓冲托辊  
Buffering rollers



三联铰接托辊  
Three-way connectde gemel rollers



二联铰接托辊  
Two-way connectde gemel rollers

集数十年的经验,多次与日、德、美等外国厂家合作的成功经验,以及引进意大利 RULMECA 公司的专有设计和制造技术,XC 可提供各种结构合理、阻力系数小,寿命长(30,000 小时以上)、防尘防水性能好的优质托辊。

托辊选用高精度焊接管、光拉轴,钢板冲压成型轴承座,大游隙轴承,多重迷宫式密封件。托辊管体与轴承座采用氩气二元保护焊工艺焊成一体。

执行标准: MT/T73-2008

With long fabrication experiences ,many times of successful cooperation with foreign partners from Japan, Germany and USA and introduced Know-How technologies from Italian RULMECA SPA. XC can supply various kinds of superior idler roller with rational construction, less rotating resistance, long service life(more than 30,000 hrs) good dust-proof and water -proof characteristics.

Precise welded pipe and cold-drawn shaft, press formed steel sheet bearing house,deep groove ball bearings, multi-lap labyrinth seals are adopted for rollers.

Executive Standard:MT/T73-2008

## 橡胶止水带 The rubber sealing belt



油封



硅、氟橡胶圈

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.



聚四氟密封件

断面图 cross-section diagram	代号 Symbol	名称 name	直径范围 Ranges of the diameter (mm)	工作条件 Working condition		
				压力 pressure Mpa	速度 Speed: M/S	温度 temperature °C
	O	O型圈 O-ring seals	5 ~ 1500		1	-30 ~ 100
	SC, TC SB, TB	骨架油封旋转变 Seals used for spinning framework gasket	20 ~ 1000		高速旋转 High speed revolution	-30 ~ 100
	Fa	单唇口防尘圈 single-lip's seal	10 ~ 1000		1	-400 ~ 100
	FK	双唇口防尘圈 Double lips' seal	10 ~ 1000		1	-40 ~ 100
	YX	轴用密封圈 seals used for axis	10 ~ 1000	40	1	-40 ~ 100
	YX	孔用密封圈 seals used for holes	10 ~ 1000	40	1	-40 ~ 100
	GS	斯特封 S55015 S55013 Step seals S55015 S55013	10 ~ 400	40	5	-35 ~ 200
	GV, KV	V型组合杆密封 V-port/foley-seal	20 ~ 500	40	0.5	-30 ~ 220
	Kg	双向格来圈 Two-way grid to ring	100 ~ 4800	45	5	-30 ~ 100
	GK	双唇滑环密封 Double jetted seal	20 ~ 280	45	1	-30 ~ 120
	KT, ZW	双向组合密封 Bidirectional combination seal	40 ~ 400	45	1	-30 ~ 120
	DX, FR	活塞杆导向环 Cylinder rod guide ring	25 ~ 600	40	3	-40 ~ 180
	Kd, Kda	活塞导向环 Piston guide ring	40 ~ 600	40	1	-40 ~ 120
	Kzk	活塞旋转密封 rotating piston seal	10 ~ 160	30	3	-40 ~ 180
	Gzg	活塞杆旋转密封 Rotating cylinder rod seal	10 ~ 160	30	3	-40 ~ 180



聚氨酯、尼龙制品

## 遇水膨胀橡胶止水带 Water swellable rubber sealing belt



我公司生产潜油电泵密封件，已有数十年生产史。材质有氟橡胶、硅橡胶、高饱和丁腈（HSN）、AFLAS橡胶等。可满足不同井温、介质及物理性能需要。产品除供大港油田、大庆油田、中原油田等国内市场外，还配套出口到苏丹、俄罗斯、印尼、美国等国家。产品质量稳定、深得用户好评。



Our factory produces and sneaks the oil electric pump seal, already has decades to produce the history. The material is Fluorine rubber, silicon rubber, high saturation cube nitrile, AFLAS rubber, etc. Can meet different wells are warm, the medium and physical performance's needs. The products, except supporting domestic markets such as Dagang Oilfield, Daqing oil field, Zhongyuan Oil Field, etc., still form a complete set and export to countries such as the Sudan, Russia, Indonesia, U. S. A., etc.. Product quality is steady, firmly get user's favorable comment.



橡胶密封件 Rubber seal

材质 Material	工作温度°C Working temperature °C	特点 Characteristic	备注 Remarks
丁腈橡胶	-40 ~ 120°C	耐油 Oil resistance	Nitrile(Buna-N)
氟橡胶	-26 ~ 204°C	耐高温、耐强腐蚀、抗静电 High temperature resistance, strong corrosion resistance, anti-static	FKM(VITON)
氟橡胶	-28 ~ 204°C	耐高温、耐强腐蚀、抗静电 High temperature resistance, strong corrosion resistance, anti-static	AFLAS
乙丙橡胶	-30 ~ 150°C	耐温、耐腐蚀 Temperature and corrosion resistance	EPDM
硅橡胶	-43 ~ 210°C	耐高温、抗静电 High temperature resistance and anti-static	Silicone
氯丁橡胶	-40 ~ 120°C	耐磨、耐温 Wear resistant and temperature resistant	CHloropeme(Neoprene)
高饱和丁腈	-40 ~ 180°C	耐油、耐温 Oil resistant and temperature resistant	Highly saturated Niti(HSN,HNBR)
聚四氟乙烯	-100 ~ 180°C	耐高低温、耐强腐蚀、抗静电 High temperature, low temperature resistance, strong corrosion resistance, anti-static	(Teflon)
聚氨酯	-53 ~ 93°C	耐磨、耐油、无毒 Wear resistant, oil resistant, non-toxic	Urethane(Polyurethane)
氟化硅橡胶	-62 ~ 204°C	耐油、耐腐蚀 Oil resistant and corrosion-resistant	Fluorosilicone(FVMQ)