

河北冀工胶管有限公司

HEBEI JIGONG RUBBER HOSE CO.,LTD.



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ABOUT US 关于我们

河北冀工胶管有限公司始建于 1999 年，位于河北省冀州高新技术产业开发区，占地面积 81918 平方米，员工 789 人，主要研发和生产工程机械、农业机械、商用车及内燃机用各类橡胶软管及橡胶制品。通过了 IATF16949 质量管理体系认证、ISO14001 环境管理体系认证、ISO45001 职业健康安全管理体系认证。公司具有完善的水、气、Vocs 等处理系统，达到环保绩效 A 级企业水平。采用新工艺新技术率先研制出具有独立知识产权的各类发动机橡胶管路，产品性能优越、使用寿命长，各类性能指标国内领先。根据“小批量、多品种”的特点，公司量身定制 EDI、APS、MAS、WMS、ERP 等系统，看板、条码系统等，实现了信息化、智能化、可视化生产以及产品的完整追溯。建有高标准的试验中心，检测项目囊括 ISO 国际标准、美标 SAE、德标 DIN、日标 JIS、GB 等国内外标准。我公司拥有一支高素质的科研团队，人员学科构成涵盖高分子材料、化学工程与工艺、机械等专业，每年研发投入占比 4%。曾先后获得国家重点新产品、高新技术企业、国家专精特新“小巨人”企业等殊荣。公司为相关产品标准起草单位，主持及参与制定了 4 项行业标准及 2 项国家标准，获得近三十项国家专利。公司配套国内外客户百余家，市场占有率在同行业名列前茅。

Hebei Jigong Rubber Hose Co., Ltd. was founded in 1999 and is located in Jizhou High tech Industrial Development Zone, Hebei Province. It covers an area of 81918 square meters and has 789 employees. The company mainly researches and produces various low-pressure rubber hoses and rubber products for construction machinery, agricultural machinery, commercial vehicles, and internal combustion engines. The company has passed IATF 16949 quality management system certification, ISO 14001 environmental management system certification, and ISO 45001 occupational health and safety management system certification. The company has perfect water, gas, Vocs and other treatment systems, and has reached the level of A-class enterprise in environmental protection performance. We have taken the lead in developing various types of engine rubber hoses with independent intellectual property rights using new processes and technologies. The products have superior performance, long service life, and leading performance standards in China. According to the characteristics of "small batch, multiple variety", the company customized EDI, APS, MAS, WMS, ERP system, etc., realizing intelligent, visual production and complete traceability of products. We have established a high standard R&D testing center that can cover domestic and international standard testing projects such as SAE, DIN, ASTM, JIS, JASO, GB, etc. Our company has a high-quality research team, with personnel disciplines covering polymer materials, chemical engineering and technology, machinery, and other majors. The annual R&D investment is not less than 3.5% of the sales revenue. Has won honors such as National Key New Product, High tech Enterprise, and National Specialized and Innovative "Little Giant" Enterprise. Our company led or participated in drafting 2 national standard and 4 industry standards, and obtained nearly 30 national patents. The company has more than 100 domestic and foreign customers, and its market share ranks among the top in the same industry.

1999

■ 公司前身“冀州市工程机械胶管厂”成立，租赁坐落于冀州市西郊，占地面积 2500 平方米的几间旧厂房，员工 10 余人。在各方面条件都非常简陋的情况下，自己制造出一台夹布胶管成型机，生产出第一根胶管，与徐州重型机械厂的合作，开启了工程机械低压胶管的配套之路。

The predecessor of the company, Jizhou construction machinery Rubber Hose Factory, was established, leasing several factories located in the western suburbs of Jizhou City, covering an area of 2500 square meters, with more than 10 employees. In a situation where conditions were very rudimentary in all aspects, we manufactured a Wrapping rubber hose forming machine ourselves and produced the first piece of rubber hose. Our cooperation with Xuzhou Heavy Machinery Factory opened the way for the supply of low-pressure rubber hoses in construction machinery.



2002

■ 公司入住冀州市工业园区，占地面积 7300 平方米，员工 80 人。服务客户由原来单一的起重机械扩大到推土机、挖掘机、装载机等。主打产品“工程机械高温低压输油胶管”获得国家五部委联合认定的《国家重点新产品》。之后，起草了《工程机械高温低压输油胶管》、《农林拖拉机和机具高温低压输油胶管》两项行业标准，填补了该行业无标可依的空白。

The company moved in the Industrial Zone of Jizhou City, covering an area of 7300 square meters and employing 80 people. Our customer service has expanded from a single crane to bulldozers, excavators, loaders, and other construction machinery. The main product, "High temperature and low-pressure oil hose for construction machinery," has been jointly recognized as a "National Key New Product" by five national ministries and commissions. Afterwards, two industry standards were drafted: "High temperature and low-pressure oil hoses for construction machinery" and "High temperature and low-pressure oil hoses for agricultural and forestry tractors and machinery", filling the gap in the industry where there were no industry standards to follow.



2009

■ 随着配套领域的拓展，原有场地已不能满足需要，2008 年公司扩建位于冀州市北开发区，占地 25000 平方米的新工厂。2009 年全面建成投产，员工 260 人，公司更名为“河北冀工胶管有限公司”。服务国内外客户超过百家，市场精准定位为：工程机械、农业机械及内燃机。

With the expansion of supporting fields, the existing site can no longer meet the needs. In 2008, the company expanded a new factory located in the North Development Zone of Jizhou City, covering an area of 25000 square meters. In 2009, plant construction was fully completed and put into operation, with 260 employees. The company was renamed as 'Hebei Jigong Rubber Hose Co., Ltd.' Serving over a hundred clients, our market is accurately positioned as construction machinery, agricultural machinery, and internal combustion engines.



2022

■ 2020 年再次扩建占地面积 81918 平方米的智能现代化新工厂，2022 年全面建成并投产，公司智能化、信息化进一步提升，产品质量稳定性和一致性更高，产能也得到了大幅提升。公司员工发展到 789 人，合作客户遍布全球，成为全球工程机械 50 强中多家企业的战略供应商和优秀供应商。

In 2020, an intelligent modern new factory covering an area of 81918 square meters was built for expand again. It was fully completed and put into operation in 2022, with higher product stability and consistency, and significantly increased production capacity. The company has grown to nearly 789 employees and has collaborated with clients all over the world, becoming a strategic and excellent supplier for many of the top 50 global construction machinery companies.





CULTURAL CONCEPT 文化理念

核心理念 Core Concepts

专注低压胶管，打造百年企业。
Focusing on low-pressure rubber hose, building a century-old enterprise.

价值传承 Value Inheritance

诚信、人本、稳健、创新
Integrity, people-oriented, steady, and innovative.

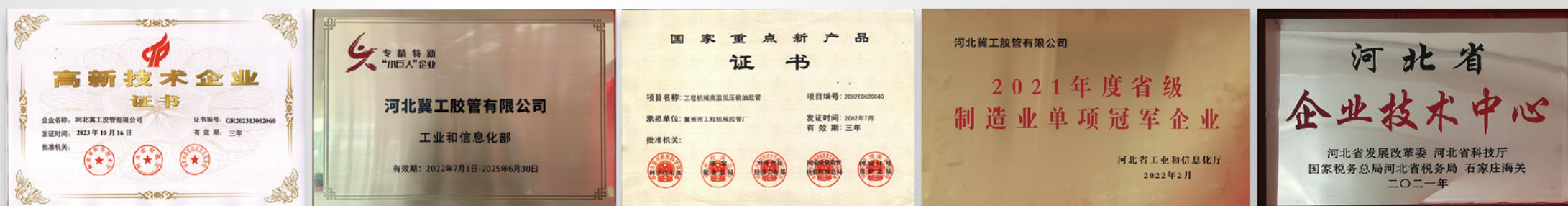
企业精神 Enterprise Spirit

质量追求卓越，管理严谨高效。
Pursuing excellence quality and rigorous and efficient management.

发展使命 Development Mission

让世界了解冀工，让冀工走向世界。
Let the world know Jigong and let Jigong enter the world.

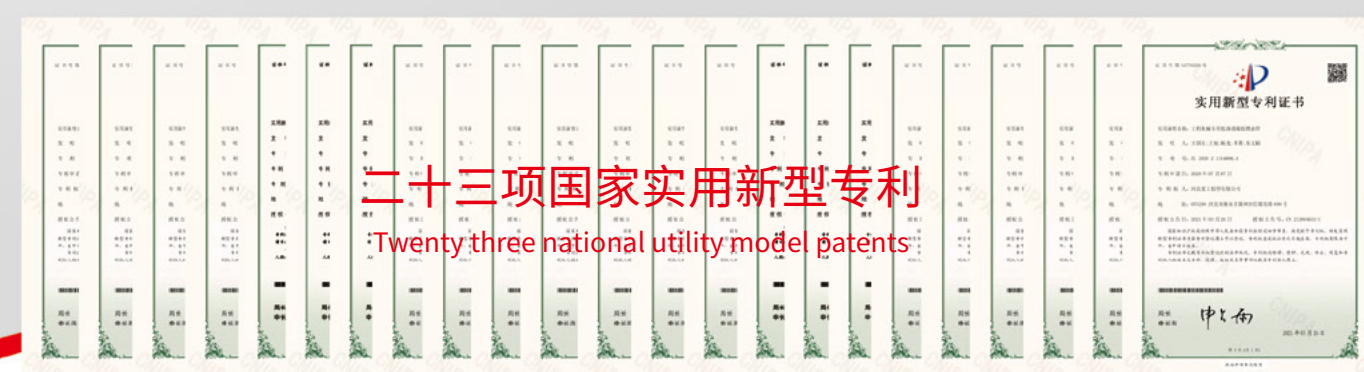
ENTERPRISE HONORS
公司荣誉



制订国家、行业等八项标准
Develop eight standards including national, industry, and group standards

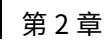


三项国家发明型专利
Three national invention patents



二十三项国家实用新型专利
Twenty three national utility model patents

第2章



市场定位



- ## 市场定位



CHAPTER 2
第 2 章

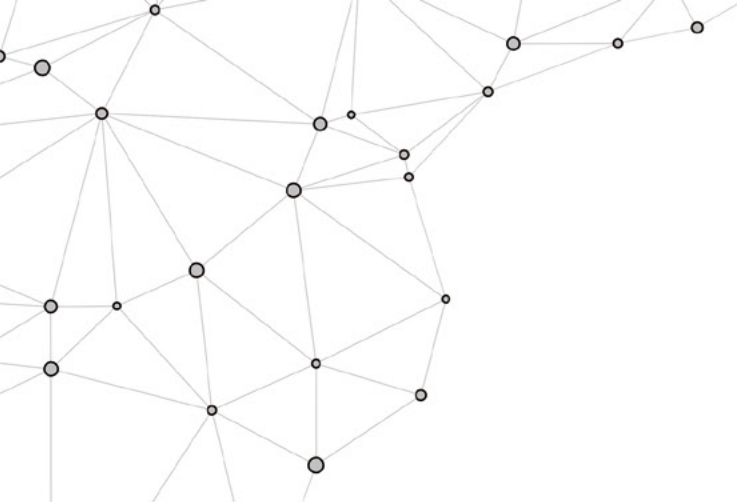


ENTERPRISE STRENGTH
企业实力

公司现有生产设备 1500 余台（套），建有国内先进橡胶混炼中心，2 条 160 生产线，混炼胶日产能达 60 吨。现有针织挤出、缠绕挤出、硅橡胶挤出、复合挤出等 18 条智能化生产线；两个恒温异型管成型车间，拥有 400 余台辅助成型机；并建有无尘扣压车间。可日产直管 5 万米、异型管 3 万根。公司量身定制了 ERP 系统，电子看板系统，条码管理系统，橡胶配料、混炼、挤出、硫化的四大智能自动控制系统，实现了关键工序信息化与自动控制以及管理的精准性和效率，并将产品质量控制在较高水平。

The company currently has more than 1500 sets of production equipments, has a domestically advanced rubber mixing center, which has two 160 production lines, and a daily production capacity of 60 tons of mixed rubber. There are 18 intelligent production lines including knitting extrusion, spiraling extrusion, silicone rubber extrusion, and combined extrusion; More than 400 production stations in two constant temperature workshops for rubber hoses manual forming; And a dust-free crimping workshop is built. It can produce 50000 meters of straight hoses and 30000 pcs preformed hoses per day. The company has customized an ERP system, electronic kanban system, barcode management system, and intelligent production system for key processes such as rubber batching, mixing, extrusion, and vulcanization, achieving comprehensive information and precise and efficient management, and controlling product quality at a high level.





CHAPTER 2

第 2 章

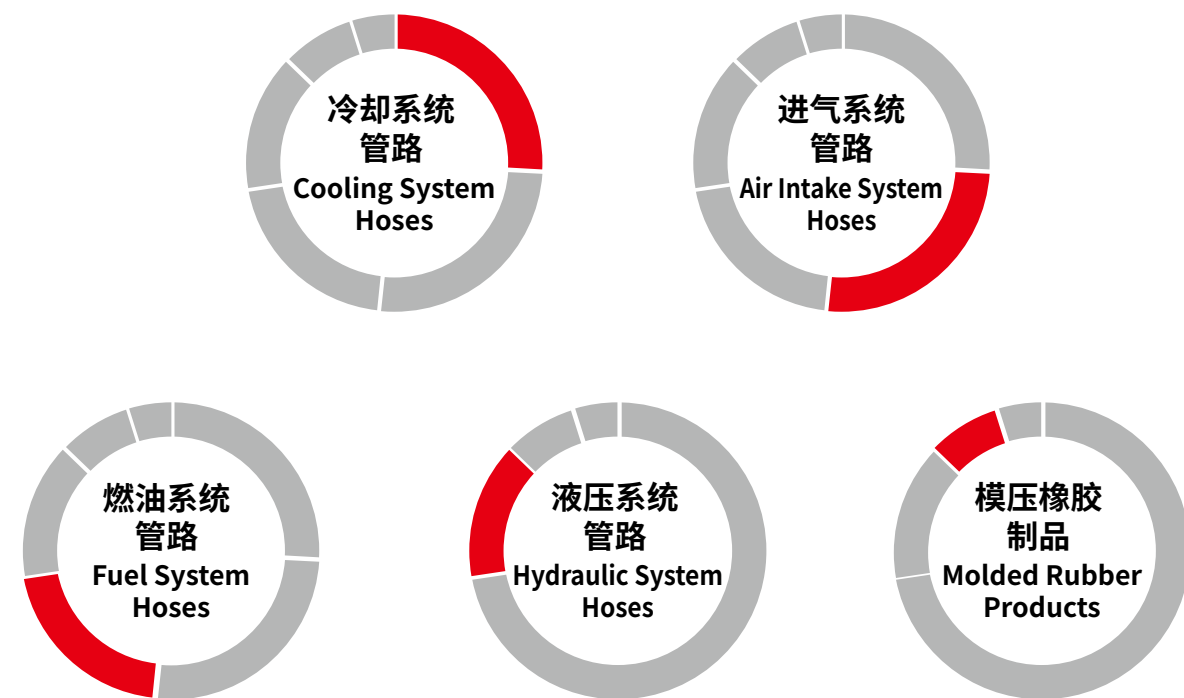
公司设有低压胶管研发中心，可以完成橡胶材料和胶管成品的绝大部分测试。拥有拉力机、老化试验箱、水气油耐久试验台架、爆破试验台、疲劳试验机 etc. 百余台橡胶及胶管检测设备，囊括了 ISO、SAE、DIN、ASTM、JIS、JASO、GB 等国内外标准检测项目。由 40 余人组成一支高素质的科研团队，不断进行新产品的开发及产品质量的提升。

The company has a low-pressure rubber hose research and development center, which can perform most of the tests on rubber materials and finished rubber hoses. The center equipped with over a hundred rubber and hose testing equipments such as tensile machines, aging test chambers, durability test benches, blasting test benches, fatigue test machines, etc., which can cover domestic and foreign standard testing projects such as SAE, DIN, ASTM, JIS, JASO, GB, etc. A high-quality research team consisting of over 40 employees is constantly developing new products and improving product quality.



R&D TESTING CENTER
研发检测中心

PRODUCT STRUCTURE 产品结构



公司产品有八大工艺系列，十余万个品种，可满足各种车辆的不同使用工况。

The company's products have eight major process series and more than 100,000 varieties, which can meet the different operating conditions of various vehicles.

冷却系统管路 Cooling system hoses

1、用于发动机上下水管、EGR 水管、暖风水管等

生产工艺：编织、针织、缠绕 材质：EPDM、VMQ

1. Used for engine upper and lower coolant hoses, EGR coolant hoses, heater hoses, etc
Production process: braiding, knitting, spiraling Material: EPDM, VMQ

2、用于机油冷却管路

生产工艺：编织 材质：AEM、ACM

2. Used for engine oil cooling hoses
Production process: Braiding Material: AEM, ACM

进气系统管路 Air intake system hoses

用于发动机进气、空滤进气、中冷器连接

生产工艺：纯胶、针织、夹布、模压 材质：EPDM、VMQ

Used for connecting engine intake, air filter, turbo , and intercooler
Production process: pure rubber, knitting, fabric wrapping, molding Material: EPDM, VMQ

燃油系统管路 Fuel system hoses

用于石化燃油、生物燃油

生产工艺：缠绕、编织 材质：NBR/CSM、FKM/ECO、PA11

Used for petrochemical fuels and biofuels
Production process: spiraling, braiding Material: NBR/CSM, FKM/ECO, PA11

液压系统管路 Hydraulic system Hoseline

用于液压吸回油

生产工艺：编织、夹布 材质：NBR/CR、NBR/CSM

Used for hydraulic oil suction and return
Production process: braiding, fabric wrapping Material: NBR/CR, NBR/CSM

模压橡胶制品 Molded rubber products

用于驾驶室地板垫、脚踏板、管夹、减震器、挡泥板、防尘套等

生产工艺：模压 材质：EPDM、NBR/CR、NBR/PVC、FPM/VMQ、NR

Used for cab floor mats, footrests, Hose clamps, shock absorbers, mudguards, dust covers, etc
Production process: molding Material: EPDM, NBR/CR, NBR/PVC,FPM/VMQ, NR

其它 Other

SCR 后处理系统输送尿素溶液

生产工艺：挤出 材质：氟塑料 /PA12/TPV

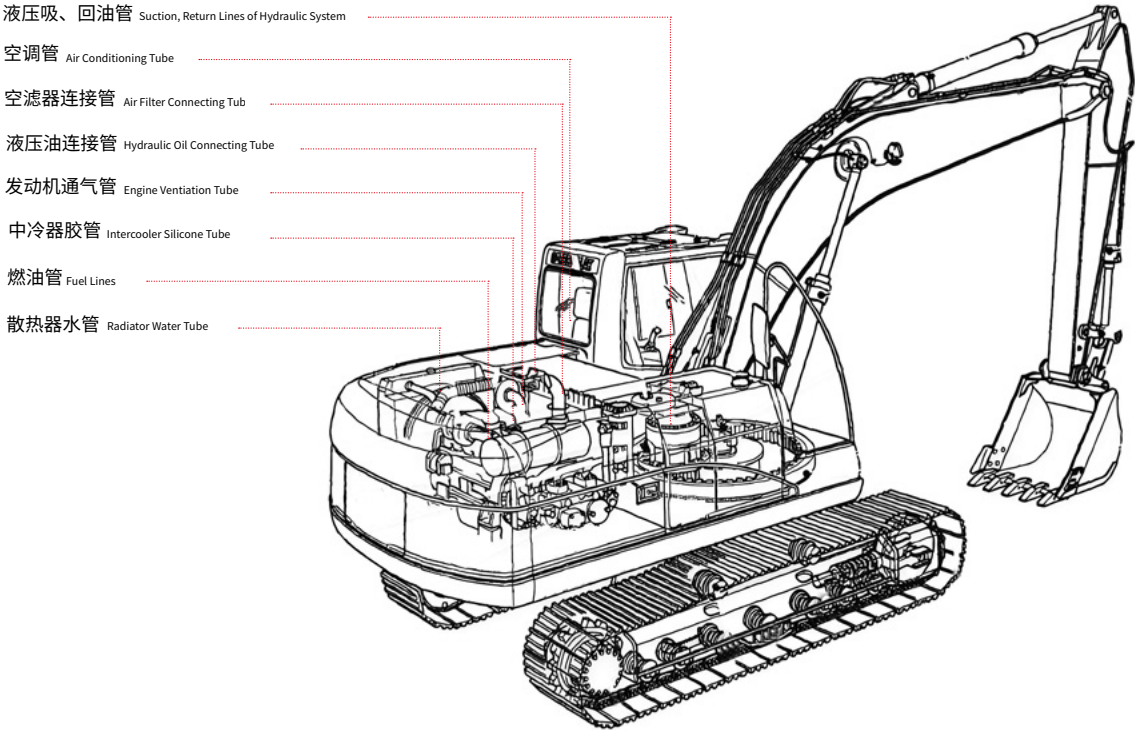
SCR post-treatment system delivers urea solution
Production process: Extrusion Material: fluoroplastics/PA12/TPV

注：整车中除高压钢丝编织管外，其余橡胶管路及制品我公司可全部配套。

Note: Except for high-pressure steel wire braided hoses, our company can provide all other rubber hoses and products in the entire vehicle.

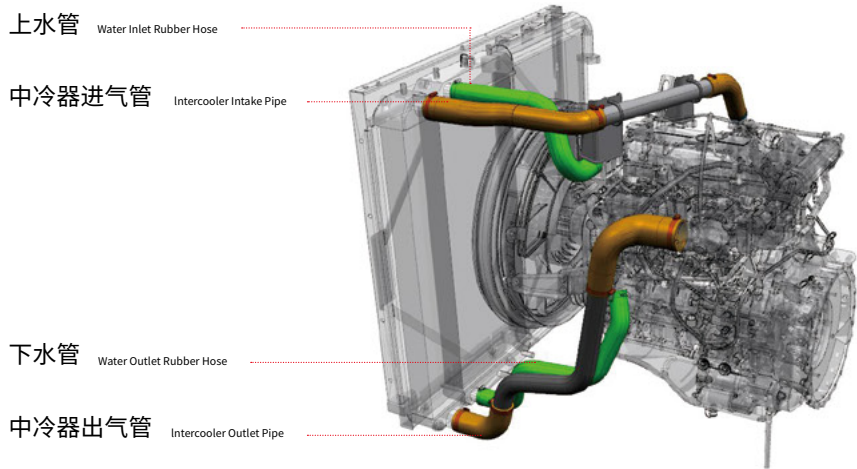
CHAPTER 3

第 3 章



散热系统胶管装配图

Rubber hose assembly diagram of cooling system



类型 Types	工艺 Processes	材 质 Materialst							结 构 Structures					参照标准 Reference Standards	特 点 Features
		EPDM	NBR/CR	NBR/PVC	FVMQ/MMQ	PA/TPV	FKM/ECO	ACM/AEM	夹布 Fabric Wrapping	缠绕 Spiraling	针织 Knitting	编织 Braiding	纯胶 Pure Rubber		
散热器管（水） The Radiator Hose(Water)		★							★		★	★		HG/T 2491 SAE J20 DIN 73411	用于连接发动机和散热器之间的上下水管。具有很好的耐候性、耐热性。该产品可在主体上采用注塑工艺增加三通，用于连接分支、安装传感器等。 This product is the water iniet and outlet hose which to connect the engine and the radiator. It has great weather resistance and heat resistance. A PA tee can be added to the main body of radiator hose by injection molding process for connecting branches, installing sensors, etc.
散热器管（油） The Radiator Hose(Oil)			★	★					★	★		★		JB/T 8406	用于液压或润滑系统的散热器连接胶管。具有很好的耐油性、耐热性。 The product is the connection hose, which is used for hydraulic or lubrication system radiator .It has great oil resistance and heat resistance.
空滤器进气管 Air intake Hose		★						★	★		★		★	HG/T 2491 SAE J2140	用于空滤器到发动机或增压器的连接，可承受 -10kPa 负压，耐热、耐臭氧性能好，一般采用增强布并缠绕钢丝结构，也可采用短纤维增强结构。 The product is used for air filter to the engine or turbo connection. This hose can wihtand -10 kPa vacuum pressure, and with great heat resitance and ozone resistance. Generally it use fabric wrapping and embedded steel wire structure, also can use short fiber reinforced structure.
中冷器连接管 Intercooler Connecting Hose					★				★					SAE J2140	用于中冷器系统，工作压力 0.3MPa，工作温度为 -50℃至 220℃，瞬间温度可达 250℃。采用耐高温硅橡胶，为提高胶管内层的耐油性，可在内层复合氟橡胶。 For the intercooler system, the working pressure is 0.3MPa, the working temperature is from -50℃ to 220℃ , and the instant temperature can reach 250℃ . The made of high temperature resistant silicone, in order to improve the oil resistance of the inner layer of the hose, FVMQ or FKM can be used.
液压吸油管 Hydraulic oil suction Hose			★	★					★	★		★		JB/T 8406	用于液压系统的泵吸油胶管，能长期输送 -40℃到 120℃的液压油，内嵌螺旋钢丝，抗负压 -50kPa。 Pump oil suction hose for hydraulic system, can transport -40℃ to 120℃ hydraulic oil for a long time, embedded spiral steel wire, vacuum resistance -50kPa.
液压回油管 Hydraulic return Hose			★	★					★	★		★		JB/T 8406	用于液压系统的回油胶管，能长期输送 -40℃至 120℃的液压油，工作压力一般小于 1.5MPa。 The oil return hose for the hydraulic system can transport the hydraulic oil of -40° C to 120° C for a long time, and the working pressure is generally less than 1.5MPa.
石化燃油管 Fuel Hose			★	★		★				★		★	★	HG/T 3042	用于输送燃料油，材料可选用 NBR、PU、PA11、FPM，该产品具有良好的耐候性、耐渗透性，可扣压安装各种接头或快接。为提高产品的耐磨性，可外加 PE、PA 护套。 Used to transport fuel, the material can be selected NBR, PU, PA11, FKM, the product has good weather resistance, permeability resistance, can be held to install a variety of joints or quick connectors. In order to improve the abrasion resistance of the hose, PE and PA protection sheath can be added.
生物燃油管 Biofuel Hose							★			★				SAE J30 DIN 73379	因 FKM 优越的低渗透性能，目前被广泛应用于西方国家的生物柴油燃料系统。 Due to the superior low-permeability performance of FKM, it is currently widely used in biodiesel systems in European, American, Southeast Asian countries.
尿素管 SCR hose		★				★								JB/T 118803	用于 SCR 后处理系统中输送尿素溶液，工作压力 1MPa，材质 PA12，内壁加氟塑料涂层。 Used for transporting urea solution in SCR post-treatment system, working pressure 1MPa, material PA12, with fluoroplastic coating on the inner wall.
制动软管 Brake Hose		★	★	★								★		GB 16897	用于整车制动系统，具有较强的抗张能力，一般为带有接头的制动软管总成，易于安装。 This product is used in vehicle braking system, with strong tensile capacity. Normally it is a brake hose assembly with a joint, easy to install.
模压制品 Molded Products		★	★	★	★									GB/T 5574	各类橡胶板、垫、块、夹等，采用平板硫化机硫化，按图纸生产，满足使用性能。 The product is variou ruber sheet, cushion, block, clip, etc., vulcanized by flat vulcanizing machine, be produced according to drawings,and meet the performance requirement.

I 部分：冷却系统

Part 1: Cooling System

水冷却管	Water cooling hose	(EPDM、P-EPDM、VMQ)
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主要是发动机及后处理等系统的冷却胶管；该零件内部介质为冷却液（水 + 乙二醇的混合物），为工作中发动机及后处理等系统充分降温，以保障发动机正常运转。
冀工采用多接头管路一体成型，减少了管路的渗漏点，提升了质量可靠性。

Mainly the engine inlet and outlet hoses; The internal medium of this component is engine coolant (a mixture of water and ethylene glycol), which provides sufficient cooling for the working engine to ensure its normal operation.
Jigong adopts PA Injection Molding Tee Forming Process,the PA tee and hose assembly integrated in once, reducing the leakage points of the assembly and improving the reliability.

油冷却管	Oil cooling hose	(NBR、HNBR、AEM、ACM)
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主要是针对发动机及变速箱润滑系统冷却管路，介质为机油类等润滑矿物油。根据不同的介质温度选用不同的橡胶材质，最高耐温 175℃。
Mainly for the engine and transmission lubrication system cooling pipeline, the medium is oil and other lubricating mineral oil. According to different medium temperature selection of different rubber materials, maximum temperature 175℃ .



II 部分：进气系统

Part 2: Air intake system

发动机进气管、空滤进气管	Engine intake hose, Air filter intake hose	(EPDM)
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通过预埋接头，以达到安装压力传感器、直接取气的性能要求。

The embedded joint can be applied to meet the requirements of installing pressure sensor or connecting branch hose.



INTRODUCTION TO PRODUCT CATEGORIES

产品分类介绍

中冷器管路	Intercooler system	(MVQ、FVMQ/VMQ)
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硅橡胶广泛用于涡轮增压、中冷器管路，目前国四及以上采用内衬氟硅胶以保障硅橡胶不被高温油气侵蚀。

Silicone is widely used in turbo hoses and intercooler hoses. At present, according to national fourth and after regulation, fluorine silicone rubber is lined to ensure that silicone is not eroded by high-temperature oil and mist.



III部分：燃油系统

Part 3:Fuel system

石化燃油管路	Petrochemical fuel hoses	(NBR/CSM)
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因 NBR 其优越的耐矿物油性能，当油气参与循环时，NBR 可以作为产品的内层很好的满足使用要求，目前广泛应用于汽车柴油燃油系统管路中。

Due to its superior resistance to mineral oil, NBR can be used as an inner layer of the hose to meet the requirements when oil and gas participate in circulation. Currently, it is widely used in diesel fuel system hose.

生物燃油管路	Biofuel hoses	(FKM/ECO/ECO)
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因 FKM 优越的低渗透性能，无锌镁氯等元素析出，目前被应用于生物柴油燃料系统。

FKM is currently used in biodiesel fuel systems because of its excellent low permeability and no separating of zinc, magnesium and chlorine. FKM is currently widely used in biodiesel fuel systems in European, American, Southeast Asian countries.

CHAPTER 3

第 3 章



IV部分：液压系统

Part 4:Hydraulic system

吸油管路

Suction hosel

(NBR/CR、NBR/CSM)

采用内嵌螺旋钢丝结构，以提升其耐负压性能。
Adopting an embedded spiral steel wire structure to enhance its negative pressure resistance performance.

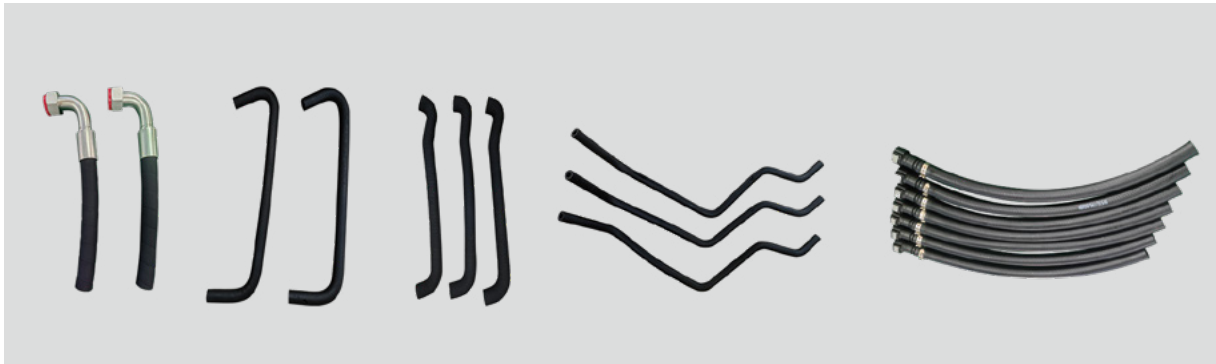


回油管路

Return hose

(NBR/CR、NBR/CSM)

采用高强度增强线，可承受几百万次的高幅度脉冲。
By using high-strength reinforcement thread, it can withstand millions of high amplitude pulses.



V 部分：模压橡胶制品

Part 5:Molded rubber products

模压橡胶制品

Molded rubber products

(EPDM、NBR/CR、NBR/PVC、FPM/VMQ、NR)

各类橡胶板、垫、块、夹等，采用平板硫化机硫化，可按照图纸生产，满足使用性能。
The product is variou ruber sheet, cushion, block, clip, etc., vulcanized by flat vulcanizing machine, be produced according to drawings,and meet the performance requirement.



VI部分：SCR 后处理系统

Part 6:SCR post-treatment system

尿素管

SCR hose

(Fluoroplastics/PA12/TPV)

我公司尿素管由快速接头、接头注塑体、尿管管体 (加热软管、护套) 连接线束。线束插头等五个部分组成；在管体和接头部位均有加热，加热均匀，温度可控，可靠性高。

Our SCR hose assembly is composed of five parts: Quick connector, connector injection body, SCR hose body (heating hose, sheath), connecting wire harness, wire harness connector.
Our SCR hose assembly is heated both at the hose body and joint parts, the heating is uniform, the temperature is controllable, and the reliability is high.



不同用途胶管规格推荐表

Recommended Hose Selection Table for Different Applications

内径及公差 ID and Tolerance			油管 Oil Hose				冷却液管 Coolant Hose				中冷器管 Intercooler Hose		钢管外径相对于 胶管内径过盈量 Suggested Steel Pipe OD Interference Quantity		
			壁厚及公差 Wall Thickness and Tolerance				壁厚及公差 Wall Thickness and Tolerance				壁厚及公差 Wall Thickness and Tolerance				
系列 I Series I	系列 II Series II	公差 Tolerance	壁厚 I Wall thickness I	公差 Tolerance	壁厚 II Wall thickness II	公差 Tolerance	壁厚 I Wall thickness I	公差 Tolerance	壁厚 II Wall thickness II	公差 Tolerance	壁厚 Wall thickness	公差 Tolerance			
	4.5	+0.1 -0.4	3.0	±0.4	3.5	±0.5	3.0	±0.4	—	—	—	—	0.5		
5.0			3.0	±0.4	3.5		—	—	—	—					
	6.0	+0.3 -0.4	3.5	±0.5	4.0	±0.4	3.5	±0.5	3.0	±0.4				—	—
	7.0		4.0		3.0		—		4.0						
7.5			3.1		3.5	3.5	3.5								
8.0			4.0		±0.5	3.8	3.25								
9.0			3.2		±0.4	4.0	4.0								
9.5			3.5		±0.5	4.5	4.5								
10.0			4.0		±0.8	5.0	5.0								
	11.0		5.0		±0.8	5.5	5.5								
12.0			6.0		±0.8	6.0	6.0								
	13.0		+0.3 -0.5		6.5	±0.5	6.5		±0.5	6.5	±0.5	6.5	+0.8 -0.5		
14.0		7.0		7.0	7.0		7.0	7.0		7.0					
	15.0	7.5		7.5	7.5		7.5	7.5		7.5					
16.0		8.0		8.0	8.0		8.0	8.0		8.0					
	17.0	8.5		8.5	8.5		8.5	8.5		8.5					
18.0		9.0		9.0	9.0		9.0	9.0		9.0					
19.0		9.5		9.5	9.5		9.5	9.5		9.5					
20.0		10.0		10.0	10.0		10.0	10.0		10.0					
22.0		10.5		10.5	10.5		10.5	10.5		10.5					
	24.0	+0.5 -0.6		11.0	±0.5		11.0	±0.5		11.0		±0.5		11.0	+0.8 -0.5
25.0			11.5	11.5		11.5	11.5		11.5	11.5					
28.0			12.0	12.0		12.0	12.0		12.0	12.0					
	30.0		12.5	12.5		12.5	12.5		12.5	12.5					
31.8			13.0	13.0		13.0	13.0		13.0	13.0					
	33.0		13.5	13.5		13.5	13.5		13.5	13.5					
35.0			14.0	14.0		14.0	14.0		14.0	14.0					
36.0			14.5	14.5		14.5	14.5		14.5	14.5					
38.0			15.0	15.0		15.0	15.0		15.0	15.0					
	40.0		+0.5 -0.8	15.5		±0.5	15.5		±0.5	15.5	±0.5		15.5	+0.8 -0.5	
	41.2	16.0		16.0	16.0		16.0	16.0		16.0					
42.0		16.5		16.5	16.5		16.5	16.5		16.5					
	44.0	17.0		17.0	17.0		17.0	17.0		17.0					
44.5		17.5		17.5	17.5		17.5	17.5		17.5					
45.0		18.0		18.0	18.0		18.0	18.0		18.0					
	46.0	18.5		18.5	18.5		18.5	18.5		18.5					
48.0		19.0		19.0	19.0		19.0	19.0		19.0					
	50.0	19.5		19.5	19.5		19.5	19.5		19.5					
50.8		+0.6 -1.0		20.0	±0.5		20.0	±0.5		20.0		±0.5	20.0		+0.8 -0.5
	55.0		20.5	20.5		20.5	20.5		20.5	20.5					
57.0			21.0	21.0		21.0	21.0		21.0	21.0					
	58.0		21.5	21.5		21.5	21.5		21.5	21.5					
	59.5		22.0	22.0		22.0	22.0		22.0	22.0					
	62.5		22.5	22.5		22.5	22.5		22.5	22.5					

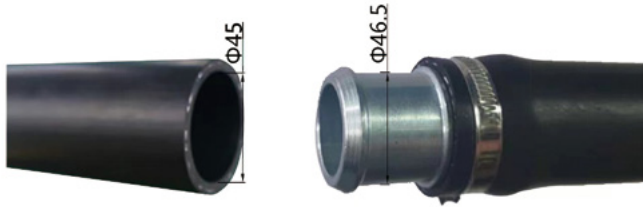
SPECIFICATION SELECTION TABLE

规格选型表

内径及公差 ID and Tolerance			油管 Oil Hose				冷却液管 Coolant Hose				中冷器管 Intercooler Hose		钢管外径相对于 胶管内径过盈量 Suggested Steel Pipe OD Interference Quantity					
			壁厚及公差 Wall Thickness and Tolerance				壁厚及公差 Wall Thickness and Tolerance				壁厚及公差 Wall Thickness and Tolerance							
系列 I Series I	系列 II Series II	公差 Tolerance	壁厚 I Wall thickness I	公差 Tolerance	壁厚 II Wall thickness II	公差 Tolerance	壁厚 I Wall thickness I	公差 Tolerance	壁厚 II Wall thickness II	公差 Tolerance	壁厚 Wall thickness	公差 Tolerance						
63.5		+0.6 -1.0	6.0	±0.8	7.0	±0.8	6.0	±0.8	6.5	±0.8	6.0	±0.8	2.0					
64.0			6.5	±0.8			6.5		7.0		±1.0			6.5	±1.0			
	65.0				8.0	±1.0				7.0						±1.0		
	68.0																7.0	±1.0
	70.0																	
	75.6	7.0	±0.8	10.0	±1.0	7.0	8.0	±1.0	6.5	±0.8	2.5							
76.2																		
	78.0																	
80.0																		
	85.0																	
	88.5	+1.0 -1.5	—	—	—	—	—	—	7.0	—	3.0							
88.9																		
	91.0																	
	100.0																	
101.6																		
	102.0	+1.0 -2.0	—	—	—	—	—	—	7.0	—	3.0							
	105.0																	
	108.0																	
110.0																		
	112.0																	
	114.0	+1.0 -2.0	—	—	—	—	—	—	7.0	—	3.0							
115.0																		
	120.0																	
	121.0																	
	126.0																	
127.0																		
注： 1、规格优先选用系列 I ； 2、长度公差参照 GB/T 9575，300 以下 ±3、300-600±4.5、600-900±6、900-1200±9、1200-1800±12、1800 以上 ±1%； 3、如胶管要求压力增加，钢管凸台尺寸应缩小以便安装； 4、用户有特殊要求，规格、壁厚、压力可协商生产。																		
Note: 1、Series I is priority specification. 2、Length tolerance refer to GB/T9575,which is ±3 when less than 300,±4.5 when 300-600,±6 when 600-900,±9 when 900-1200,±12 when 1200-1800,±1% when more than 1800. 3、If the required pressure of the hose increase,the OD of bulge of steel tube should be reduced for easy assembly. 4、The specifications, wall thickness, pressure could be modified if customer have special requirements.																		

胶管与钢管安装尺寸示例

Example of Hose and Steel Tube
Installation Dimensions



让世界了解冀工 让冀工走向世界

Let the world know Jigong, let Jigong enter the world.

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