

JNFLEX (CHANGZHOU) CO., LTD.

Our manufacturing sites are Certified
ISO9001 and IATF16949.



JNFLEX (CHANGZHOU) CO., LTD.

常州市江南波纹管有限公司

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CONSTRUCTION AND RAIL TRANSIT PRODUCT MANUAL

建筑及轨道 | 产品手册

WWW.JNFLEX.COM
WWW.JNFLEX.CN

JNFLEX CHANGZHOU CO., LTD

常州市江南波纹管有限公司

1995

公司成立于1995年
Founded in 1995

30⁺

30年以上行业经验
Over 30 years of
industry experience

1000⁺

上千家合作伙伴
over 1000 partners

20⁺

20多项专利认证
Over 20 patent
certifications

To become the most valuable enterprise in flexible connection and protection solutions.

JNFLEX (CHANGZHOU) CO., LTD established in 1995 and located in Changzhou City, Jiangsu province, is a high-tech enterprise dedicated to providing customers with flexible connection and protection products and solutions. We specialize in the design, development, production, and technical service of various corrugated duct, flexible ducts and tubes, stainless bellows, and kinds of plastic corrugated hoses.

Since 1995, JNFLEX has grown into a large-scale enterprise with over 120 employees, more than 20% of whom are R&D personnel, having obtained ISO9001 and IATF16949 certifications. Our products serve a variety of industries, including construction and infrastructure, automotive and marine, high-speed trains, steel metallurgy, environmental protection, and new energy industry etc. We have established long-term collaborations with Fortune 500 companies both domestically and internationally. Our sales network spans more than twenty provinces, municipalities, and autonomous regions across China, and we exported to Europe, North America, Southeast Asia, Australia, South America, and Africa for many years.

"Customer Requirements Are Our Responsibility," we're dedicated to providing the tailor-made solution for each individual client, helping them succeed in their business, ensuring that our customers gain a competitive edge through attention to detail. "Stay hungry. Stay foolish."

JNFLEX is committed to growing with you and becoming a reliable partner on your path to success.

成为“柔性连接与防护”最具价值的公司

常州市江南波纹管有限公司成立于1995年, 公司位于江苏常州, 是一家集设计开发、生产制造、技术服务为一体的专业生产各种波纹软管、伸缩软管、金属软管、塑料波纹软管等管路连接和保护类产品, 致力于为顾客提供柔性连接和柔性保护类产品解决方案的高新技术企业。公司自创立以来, 已经发展成拥有120多名员工, 建筑面积30000平米的规模化企业, 其中研发人员占比20%以上, 公司高度重视加强品质保证和提升管理水平, 已通过ISO9001、IATF16949质量管理体系认证, 为建筑及基础设施、汽车船舶、高速列车、钢铁冶金、环保新能源等多个行业提供优质产品, 并与国内外500强企业建立长期合作关系。我们销售网络遍布中国二十多个省市自治区直辖市, 并出口到欧美东南亚澳洲南美非洲等国家和地区。

江南波纹管秉承“顾客的要求就是我们的责任”的经营理念, 始终追求更高的品质和致力于为客户提供最佳的个性化解决方案, 创造价值, 降低成本, 让客户赢在细节之上。Stay.hungry.Stay.foolish江南愿意与您共同发展, 成为您成功道路上忠诚的合作伙伴。

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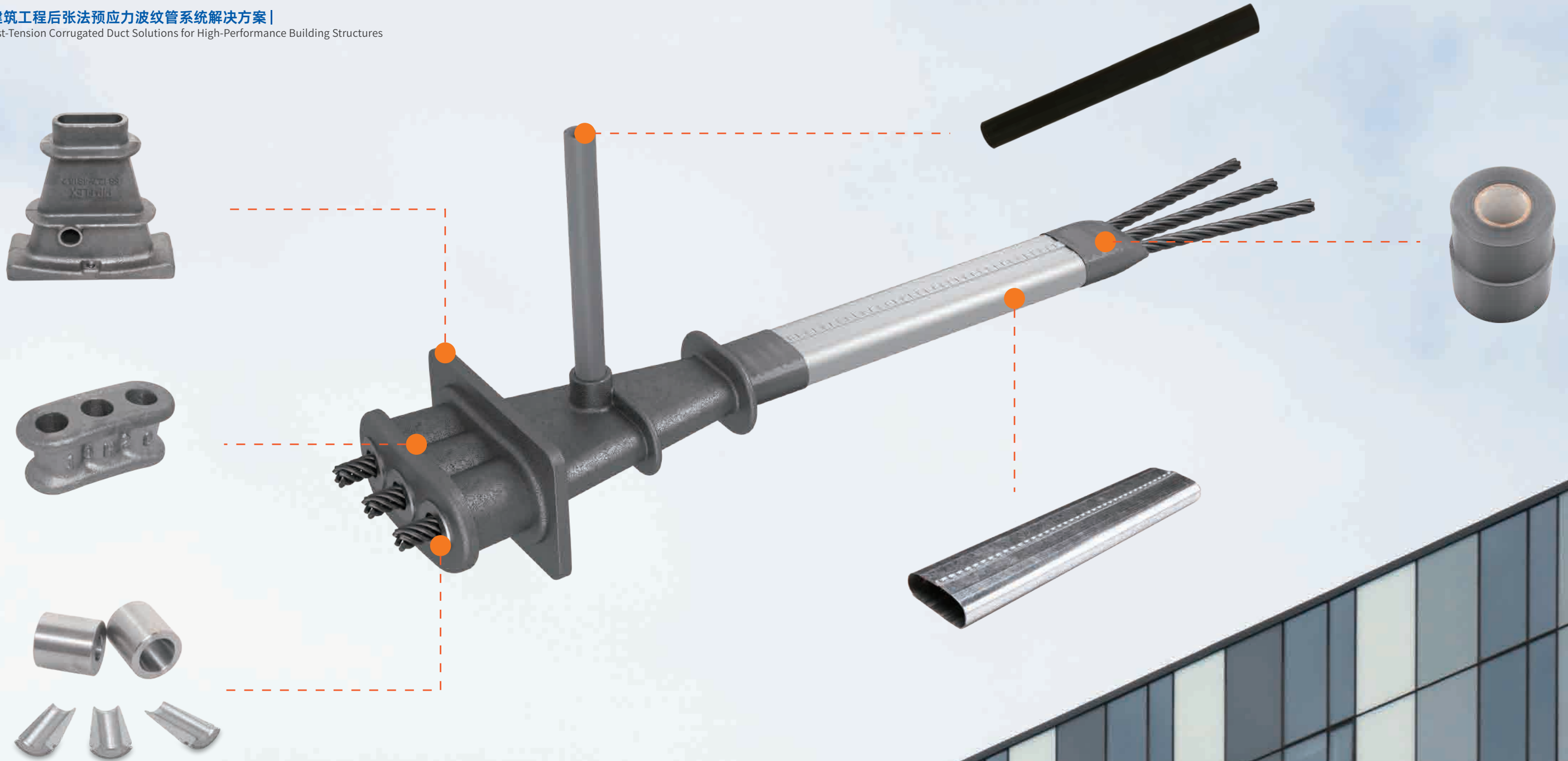
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CONSTRUCTION INDUSTRY

建筑行业

| 建筑工程后张法预应力波纹管系统解决方案 |
Post-Tension Corrugated Duct Solutions for High-Performance Building Structures



PRESTRESS / 预应力

GALVANIZED FLAT DUCT
镀锌平扁管

产品介绍 Product Introduction

是以钢带通过多道冷压出凹凸波纹的管子,产品还具有通用性好、配套合理、使用方便等特点
The duct is made by pressing galvanized steel strip into multiple corrugations through a series of cold forming processes. The product also has features such as good versatility, well-matched compatibility, and ease of use.



重量轻
Light weight



刚度大
High Stiffness



严密性好
Good tightness



附着抗拔力强
Strong adhesion and pull-out resistance



能确保施工质量
Can ensure construction quality



缩短工期
Shorten construction period



基本用途 Basic application

桥梁、建筑搭建、钢绞线预埋等
Bridges, building construction, steel strand pre embedding, etc

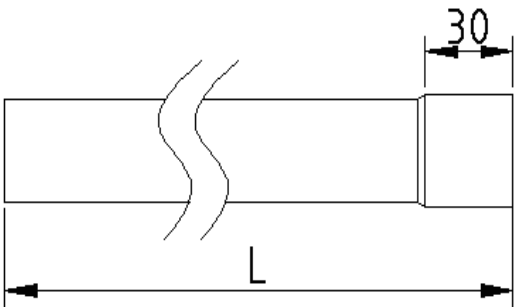
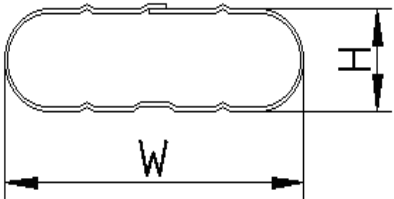
实验测试 Experimental testing

- 盐雾试验
Salt spray test

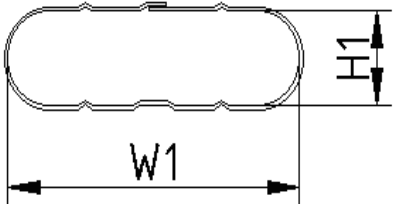
性能测试 Performance Test

测试项目 Test Item	测试项目 Test Item
径向刚度 Radial stiffness	抗渗漏性能 Anti-leakage performance

产品规格 Product Specification (mm)



扩口端
Flared ends



规格 Specifications (mm)	材料厚度 Material thickness (mm)	材料 Material
90*20*5800	0.4	镀锌钢带 Galvanized steel strip
70*20*5800		

PRESTRESS / 预应力

METAL CORRUGATED DUCT
金属波纹管

产品介绍 Product Introduction

金属波纹管是用钢带绕制并压出凹凸波纹的管子, 产品具有通用性好、互换性好、配套合理、使用方便等特点。

The metal corrugated duct is made by winding and pressing galvanized steel strips into corrugated shapes.
The product features excellent versatility, high interchangeability, well-matched compatibility, and ease of use.



重量轻
Light weight



刚度大
High Stiffness



严密性好
Good tightness



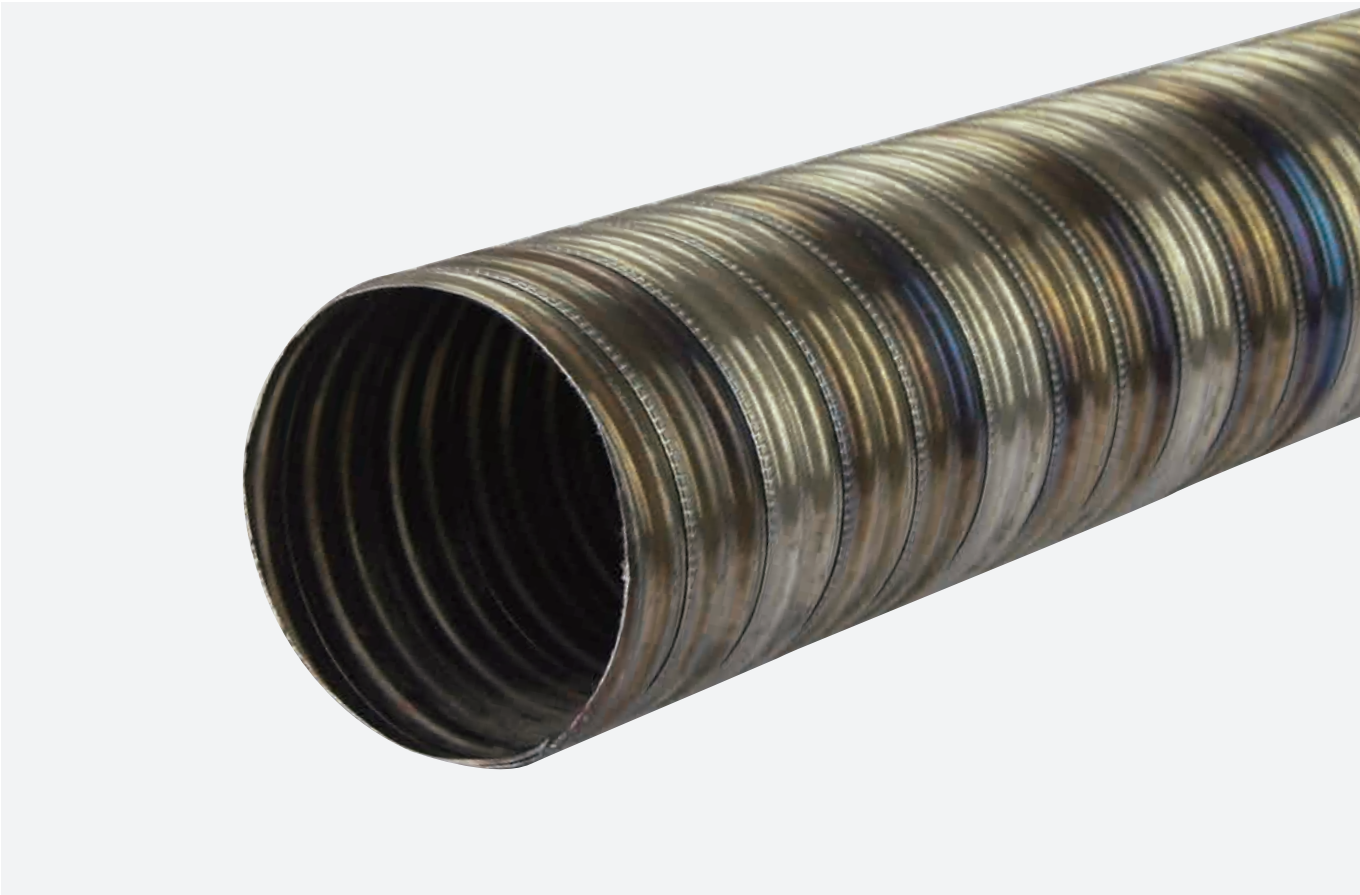
附着抗拔力强
Strong adhesion and
pull-out resistance



能确保施工质量
Can ensure
construction quality



缩短工期
Shorten construction
period



基本用途 Basic application

后张法预应力钢筋混凝土桥梁、钢筋混凝土桥梁、大口径地脚螺栓预留孔用、建筑或构筑墙体的基础管线预埋管

Post tensioned prestressed reinforced concrete bridges, reinforced concrete bridges, reserved holes for large-diameter anchor bolts, and embedded pipes for foundation pipelines of buildings or constructed walls

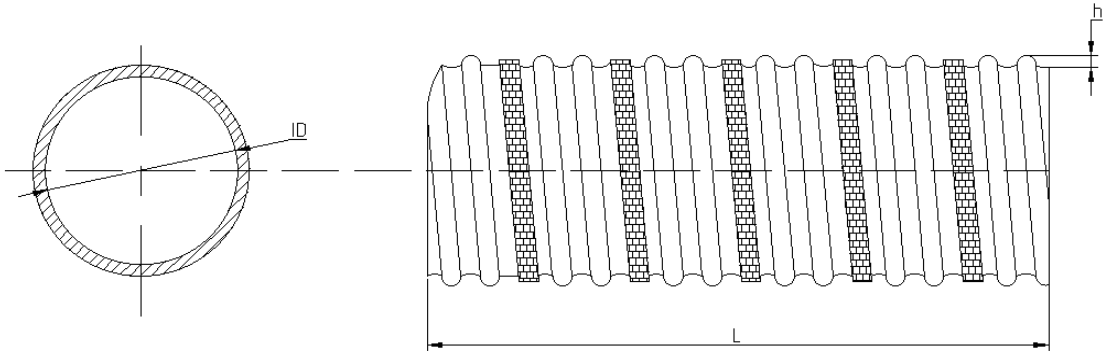
实验测试 Experimental testing

- 轴向拉力试验
Axial tensile test
- 弯曲试验
Bending test
- 撑力弹性
Supporting elasticity
- 盐雾试验
Salt spray test

性能测试 Performance Test

测试项目 Test project	测试项目 Test project
径向刚度 Radial stiffness	抗渗漏性能 Anti-leakage performance

产品规格 Product Specification (mm)



内径 ID (mm)	材料厚度 Material thickness (mm)	材料 Material	内径 ID (mm)	材料厚度 Material thickness (mm)	材料 Material
φ32	0.25/0.3	黑钢带 Black steel strip	φ120	0.25/0.3	黑钢带 Black steel strip
φ35			φ125		
φ40			φ130		
φ45			φ135		
φ50			φ140		
φ55			φ145		
φ60			φ150		
φ65			φ155		
φ70			φ160		
φ75			φ165		
φ80			φ170		
φ85			φ175		
φ90			φ180		
φ95			φ200		
φ100			φ220		
φ105			φ250		
φ110			φ280		
φ115			φ300		

PRESTRESS / 预应力

GALVANIZED CORRUGATED FLAT / ROUND DUCT
镀锌波纹管（扁管/圆管）

产品介绍 Product Introduction

镀锌波纹管是用钢带绕制并压出凹凸波纹的管子,产品具有通用性好、互换性好、配套合理、使用方便等特点。

The duct is made by pressing galvanized steel strip into multiple corrugations through a series of cold forming processes.
The product also has features such as good versatility, well-matched compatibility, and ease of use.



重量轻
Light weight



刚度大
High Stiffness



严密性好
Good tightness



附着抗拔力强
Strong adhesion and
pull-out resistance



能确保施工质量
Can ensure
construction quality



缩短工期
Shorten construction
period

基本用途 Basic application

后张法预应力钢筋混凝土桥梁、钢筋混凝土桥梁、大口径地脚螺栓预留孔用、建筑或构筑墙体的基础管线预埋管

Post tensioned prestressed reinforced concrete bridges, reinforced concrete bridges, reserved holes for large-diameter anchor bolts, and embedded pipes for foundation pipelines of buildings or constructed walls

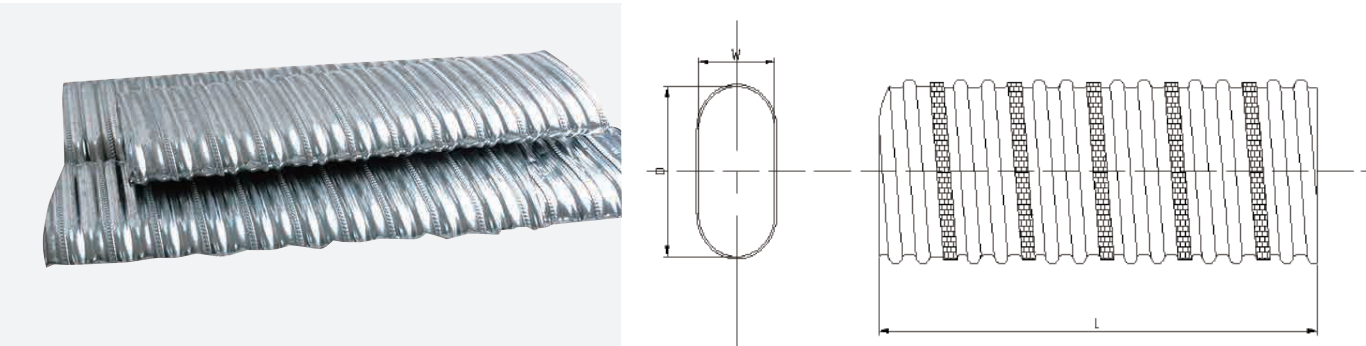
实验测试 Experimental testing

- 弯曲试验
Bending test
- 盐雾试验
Salt spray test

性能测试 Performance Test

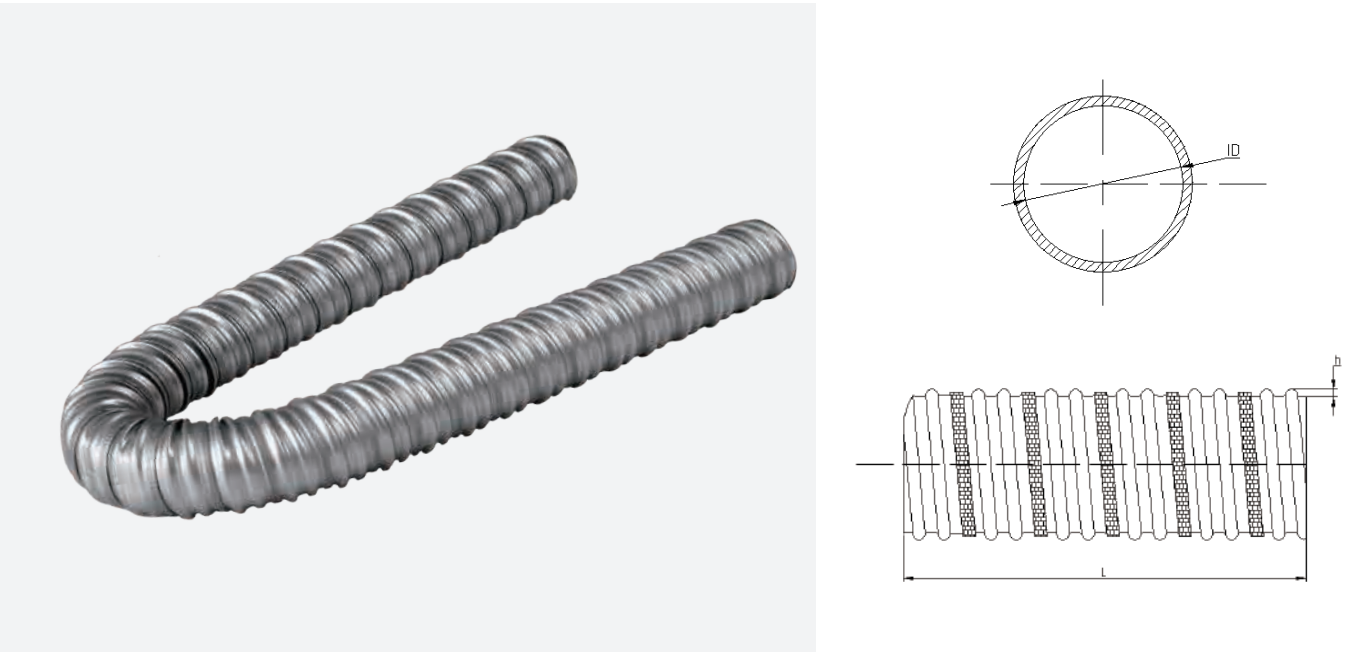
测试项目 Test Item	测试项目 Test Item
径向刚度 Radial stiffness	抗渗漏性能 Anti leakage performance

扁管规格 The specifications of flat duct (mm)



内径 ID (mm)	材料厚度 Material thickness (mm)	材料 Material
70*22	0.3	镀锌钢带 Galvanized steel strip
90*22		

圆管规格 The specifications of round duct (mm)



内径 ID (mm)	材料厚度 Material thickness (mm)	材料 Material	内径 ID (mm)	材料厚度 Material thickness (mm)	材料 Material
φ32	0.3	镀锌钢带 Galvanized steel strip	φ120	0.3	镀锌钢带 Galvanized steel strip
φ35			φ125		
φ40			φ130		
φ45			φ135		
φ50			φ140		
φ55			φ145		
φ60			φ150		
φ65			φ155		
φ70			φ160		
φ75			φ165		
φ80			φ170		
φ85			φ175		
φ90			φ180		
φ95			φ200		
φ100			φ220		
φ105			φ250		
φ110			φ280		
φ115			φ300		

地脚螺栓 | ANCHOR BOLT



大口径金属管

Large caliber metal pipe

配件 | ACCESSORIES



溢浆孔

Grout vent



支架

Bar chair



卡扣

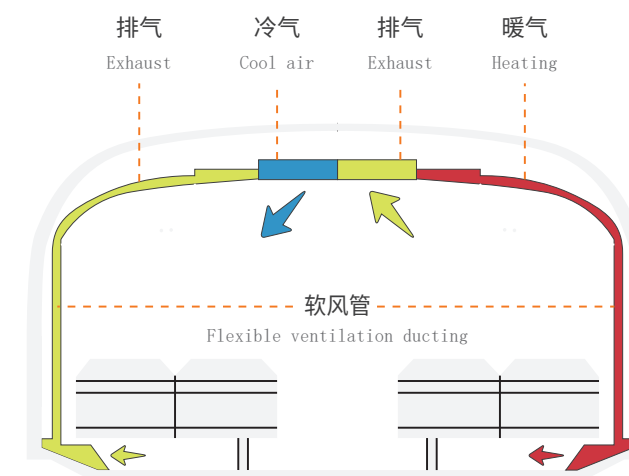
Snap

RAIL INDUSTRY 轨道行业



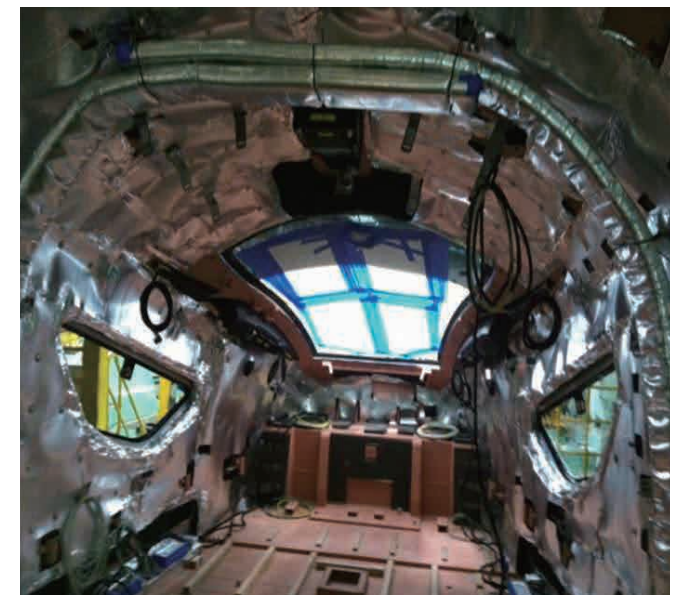
| 轨道空调系统应用 |

Application of Rail Air Conditioning System



剖面图

Cutaway view



PROTECTION / 防护

BRAIDED SLEEVE
编织管

产品介绍 Product Introduction

采用耐磨丝编织而成。用于汽车磨擦较多的环境,套在胶管、线束外起耐磨和保护作用。

Abrasion-resistant braided sleeving constructed with engineered wear-resistant yarns, specifically designed for high-friction automotive applications to provide mechanical protection for rubber hoses and wiring harness assemblies.



耐水
Water resistance

耐热
Heat-resistant

优异的耐磨性
Excellent wear resistance

与被保护软管配合紧密
Closely cooperate with the protected hose

基本用途 Basic application

电脑周边连接线、HDMI、电脑电源线束、加工电器、汽车线束、灯饰、网络音频线、光缆、大型机械线路的保护与美化

Computer peripheral connection cable HDMI、Protection and beautification of computer power wiring harnesses, processing appliances, automotive wiring harnesses, lighting fixtures, network audio cables, optical cables, and large mechanical circuits

实验测试 Experimental testing

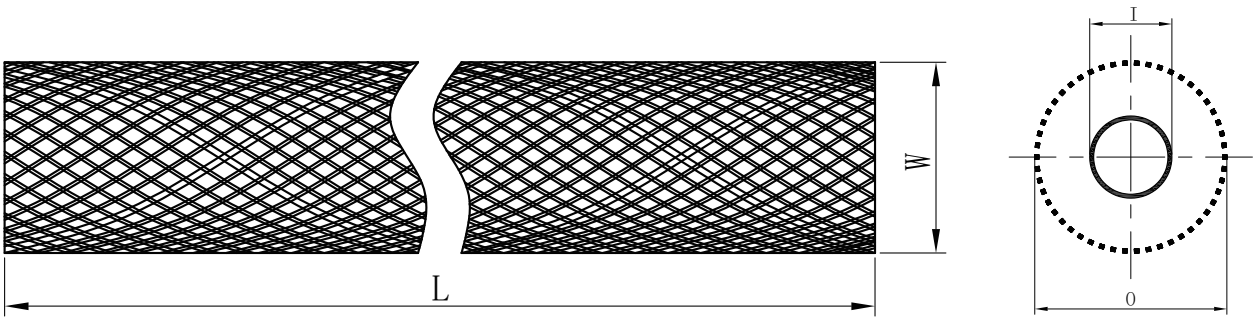
- 阻燃性能
Flame retardant performance
- 耐试剂
Resistant to reagents
- 耐高温
High temperature resistance
- 烟毒性
Smoke toxicity
- 耐磨性
Wear resistance
- 耐老化
Aging resistance

性能测试 Performance test

测试项目 Test Item	测试条件 Test Condition	测试项目 Test Item	测试条件 Test Condition	测试项目 Test Item	测试条件 Test Condition
工作温度 Operation temperature	-40°C~125°C	熔点 Melting point	240°C	阻燃等级 Flame retardant grade	FMV SS302

产品规格 Product Specification (mm)

扁平宽度 Flat width(mm)	内径范围 ID range(mm)	丝径 Wire diameter(mm)	结构 Material structure
7	φ3 - φ9	0.25/0.38	PET/PA6/PA66/PET+PA6/PET+PA66
9	φ5 - φ12		
10	φ7 - φ15		
14	φ7 - φ15		
16	φ10 - φ27		
19	φ14 - φ30		
25	φ18 - φ33		
32	φ25 - φ37		



PROTECTION / 防护

SELF WINDING TEXTILE SLEEVE
自卷纺织套管

产品介绍 Product Introduction

采用耐磨丝编织而成。用于汽车磨擦较多的环境，套在胶管、线束外起防磨和保护作用。

Abrasion-resistant braided sleeving constructed with high-tenacity wear yarns, engineered for high-friction automotive environments to provide mechanical protection for hoses and wiring harness assemblies.



优良的耐水性
Excellent water resistance

优良的耐热性
Excellent heat resistance

优异的耐磨性
Excellent wear resistance

配合紧密
Closely coordinated

基本用途 Basic application

电脑周边连接线、HDMI、电脑电源线束、加工电器、汽车线束、灯饰、网络音频线、光缆、大型机械线路的保护与美化

Protection and beautification of computer peripheral cables, HDMI, computer power harnesses, processing appliances, automotive wiring harnesses, lighting fixtures, network audio cables, optical cables, and large mechanical circuits

实验测试 Experimental testing

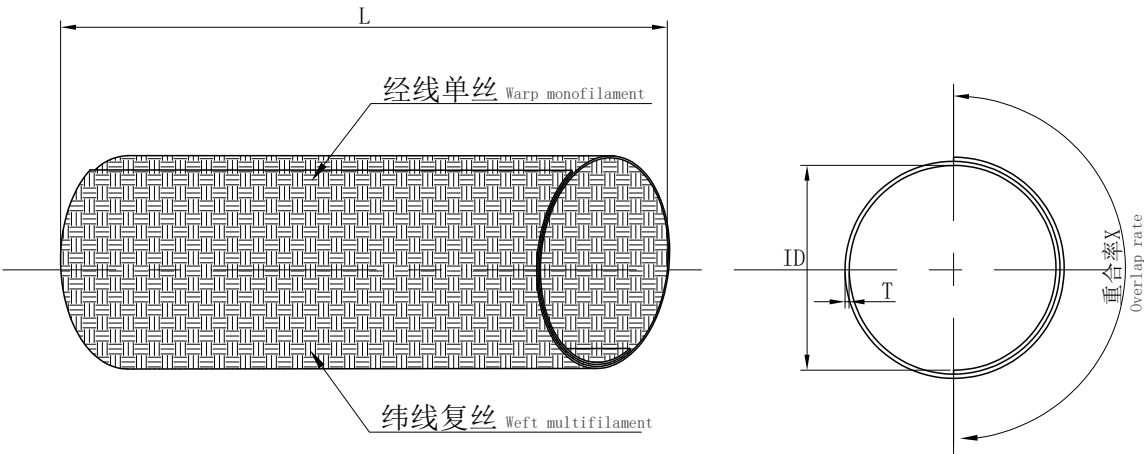
- 阻燃性能 Thermal insulation performance
- 烟毒性 Smoke toxicity
- 耐化学试剂 Chemical resistant reagents
- 耐磨性 Wear resistance
- 耐高温 High temperature resistance
- 耐老化 Aging resistance

性能测试 Performance test

测试项目 Test Item	测试条件 Test Condition	测试项目 Test Item	测试条件 Test Condition	测试项目 Test Item	测试条件 Test Condition
工作温度 Operation temperature	-50°C~150°C	熔点 Melting point	240°C	阻燃等级 Flame retardant grade	FMV SS302

产品规格 Product Specification (mm)

内径 ID(mm)	展开宽度 Expansion width	最大束线范围 Maximum cable range	重合率 Overlap rate	厚度 Thickness (mm)	内径 ID(mm)	展开宽度 Expansion width	最大束线范围 Maximum cable range	重合率 Overlap rate	厚度 Thickness (mm)
5	25	6	25%	0.6±0.15	5	28	6	50%	0.6±0.15
8	40	9			8	38	9		
10	45	11			10	50	11		
13	60	14			13	60	14		
16	70	17			16	80	17		
19	85	20			19	100	20		
25	105	26			25	120	27		
29	120	30			29	135	31		
32	135	33	50%	0.6±0.15	32	155	34		
38	160	40			38	180	40		
					50	230	52		



PROTECTION / 防护

HEAT SHRINK SLEEVE
热缩管

产品介绍 Product Introduction

由高韧性聚酯多丝和高耐性聚酯多丝编织, 经特殊设计的粘合系统加工而成。

Engineered composite braid comprising high-tenacity polyester multifilament and ultra-wear-resistant polyester multifilament yarns, integrated through proprietary thermofusion bonding technology.



工作温度最高可达150°C

The maximum working temperature can reach 150 °C



预热收缩, 收缩比为2:1

Preheating shrinkage, with a shrinkage ratio of 2:1



优异的耐磨性

Excellent wear resistance



配合紧密

Closely coordinated



重量轻

Light weight



降噪

Noise reduction

基本用途 Basic application

为橡胶管和其他管道提供优良的抗耐磨性能

Provide excellent wear resistance for rubber pipes and other pipelines

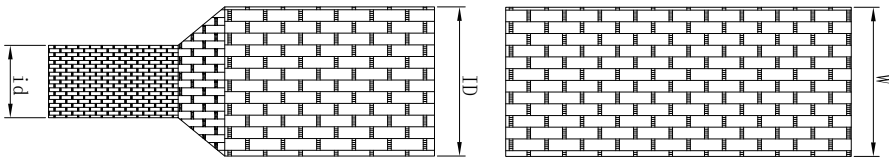
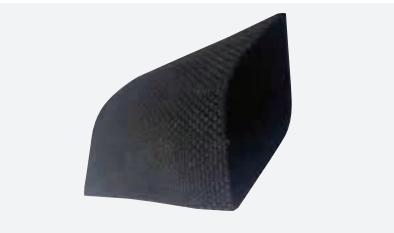
实验测试 Experimental testing

- ELV
ELV
- 阻燃性能
Flame retardant performance

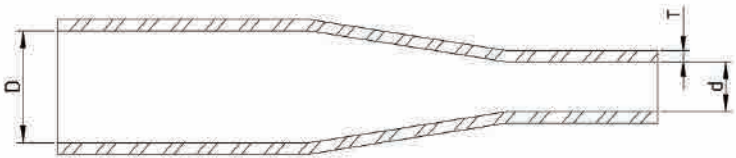
性能测试 Performance test

测试项目 Test Item	测试条件 Test Condition
温度等级 Temperature level	150°C
最低收缩温度 Minimum shrinkage temperature	100°C
最低完全恢复温度 Minimum complete recovery temperature	150°C
纵向收缩 Longitudinal contraction	10%
最大储存温度 Maximum storage temperature	60°C
热老化 Thermal aging	150°C条件下, 3000小时, 不退化 Under 150 °C conditions, no degradation after 3000 hours
液体阻力 Liquid resistance	应用于汽车流体后无可见退化和蚀变 No visible degradation or alteration after application to automotive fluids

产品规格 Product Specification (mm)



规格 Specification (mm)	扁平宽度 Flat width(mm)	收缩前内径 ID before contraction(mm)	收缩后内径 id after contraction(mm)
φ6.0/3.0	12	≥φ7	≤φ3
φ8.0/4.0	16	≥φ8	≤φ4
φ10.0/5.0	20	≥φ10	≤φ5
φ12.0/6.0	24	≥φ12	≤φ6
φ16.0/8.0	29	≥φ16	≤φ8
φ20.0/10.0	36	≥φ20	≤φ10
φ25.0/12.5	44	≥φ25	≤φ12.5
φ30.0/15.0	53	≥φ30	≤φ15
φ35.0/17.5	60	≥φ35	≤φ17.5
φ40.0/20.5	68	≥φ40	≤φ20.5
φ50.0/25.0	85	≥φ50	≤φ25
φ60.0/30.0	100	≥φ60	≤φ30
φ70.0/35.0	116	≥φ70	≤φ35
φ80.0/40.0	132	≥φ80	≤φ40
φ90.0/45.0	145	≥φ90	≤φ45



规格 Specification (mm)	收缩前内径 ID before contraction(mm)	收缩前壁厚 Wall thickness before contraction(mm)	收缩后内径 ID after contraction(mm)	收缩后壁厚 Wall thickness after contraction(mm)
φ1.5	2	0.2	≤0.8	0.4
φ2	2.5	0.2	≤1	0.42
φ2.5	3	0.22	≤1.25	0.42
φ3	3.5	0.25	≤1.5	0.46
φ3.5	4	0.25	≤1.75	0.46
φ4	4.5	0.25	≤2	0.48
φ4.5	5	0.25	≤2.25	0.48
φ5	5.5	0.25	≤2.5	0.48
φ6	6.5	0.25	≤3	0.5
φ6.5	7	0.3	≤3.25	0.58
φ7	7.5	0.3	≤3.5	0.58
φ8	8.5	0.36	≤4	0.7
φ9	9.5	0.36	≤4.5	0.72
φ10	10.5	0.36	≤5	0.72
φ11	11.5	0.36	≤5.5	0.72
φ12	12.5	0.36	≤6	0.72
φ13	13.5	0.36	≤6.5	0.72
φ14	14.5	0.36	≤7	0.72
φ15	15.5	0.36	≤7.5	0.72
φ16	16.5	0.36	≤8	0.72
φ17	17.5	0.36	≤8.5	0.72
φ18	18.7	0.4	≤9	0.78
φ20	20.7	0.4	≤10	0.8
φ22	22.7	0.46	≤11	0.86
φ25	25.7	0.46	≤12.5	0.9
φ28	29	0.46	≤14	0.94
φ30	31	0.46	≤15	1
φ35	36	0.5	≤17.5	1
φ40	41.5	0.5	≤20	1.05
φ45	46.5	0.5	≤22.5	1.05
φ50	52	0.55	≤25	1.15
φ55	57	0.55	≤28	1.15
φ60	62	0.58	≤30	1.2
φ70	72	0.58	≤35	1.2
φ80	82	0.6	≤40	1.2

PROTECTION / 防护

PLASTIC CORRUGATED PIPE
塑料波纹管

产品介绍 Product Introduction

为汽车空调制冷剂管、汽车线束等部件提供抗冲击、防摩擦、抗压保护。空调制冷剂管等部件提供抗冲击、抗压保护、保温；也可用于机械制造、汽车制造, 航空设备, 地铁, 火车、自动化控制等行业。

Engineered protective solutions deliver impact resistance, abrasion protection, and compressive strength for automotive A/C refrigerant lines, wiring harness assemblies, and critical components. These systems provide integrated thermal insulation for refrigerant conduits while offering multi-axial mechanical protection. The technology is cross-industry adaptable, serving automotive manufacturing, aerospace equipment, rail transit systems (metro/rolling stock), and industrial automation controls.



重量轻
Light weight



自由弯曲
Free bending



弯曲时不改变截面积
Bending does not change the cross-sectional area



可以承受脚踩的重压，
迅速恢复，本身无任何损伤
Foot-traffic resistant elastomeric recovery
with non-destructive resilience



耐水耐油，耐热耐腐蚀
Water and oil resistance,
heat and corrosion resistance

基本用途 Basic application

电气绝缘保护、照明设备保护
Electrical insulation protection, lighting equipment protection

实验测试 Experimental testing

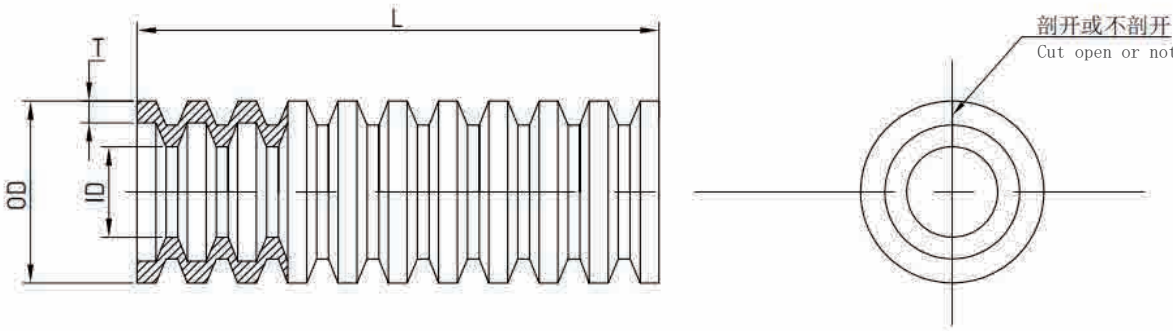
- ELV ELV
- 阻燃性能 Flame retardant performance

性能测试 Performance Test

测试项目 Test Item	测试条件 Test Condition
抗压性能 Compressive performance	125N,卸荷15min 125N, unloading for 15 minutes
弯曲性能 Bending performance	室温:无可见裂纹、量规自重通过;-15℃:无可见裂纹、量规自重通过; Room temperature: no visible cracks, gauge weight passes through- 15 ℃: No visible cracks, gauge weight passes through;
弯扁性能 Bending and flattening performance	60℃, 24h量规自重通过 At 60 ℃ for 24 hours, the weight of the gauge passes through
跌落性能 Drop performance	20℃ 2h:无震、破碎 20 ℃ for 2 hours: no vibration, broken
冲击性能 Impact performance	-15℃ 2H 1.0J;12个试样不坏、不裂 -15℃ 2H 1.0J; 12 samples remain intact and crack free
耐热性能 Heat resistance performance	60℃1.0kg 24h:量规自重通过 60 ℃ 1.0kg 24h: gauge weight passes through
阻燃性能 Flame retardant performance	无明显火焰传播, 离开火焰30S内自熄 No obvious flame propagation, self extinguishing within 30 seconds after leaving the flame
电气性能 Electrical performance	绝缘强度:绝缘电阻≥100MΩ Insulation strength: Insulation resistance ≥ 100M Ω
耐油性能 Oil resistance performance	20℃ 90#汽车浸泡48h:紧密、均匀、不松散 Soak 90 # car at 20 ℃ for 48 hours: tight, uniform, and not loose
耐温试验 Temperature resistance test	低温:-40℃/4H。高温:PA 150℃/4H;PP 120℃/4H;PE 80℃/4H Low temperature:- 40 ℃/4H. High temperature: PA 150 ℃/4H; PP 120℃/4H; PE 80℃/4H

产品规格 Product specification (mm)

内径 ID (mm)	外径 OD (mm)	材料 Material	是否剖开 Cut Open	内径 ID (mm)	外径 OD (mm)	材料 Material	是否剖开 Cut Open
Φ5.4	Φ7.6	PE/PP/PA	Y/N	Φ18.5	Φ23.5	PE/PP/PA	Y/N
Φ6.8	Φ9.6	PE/PP/PA	Y/N	Φ19.7	Φ24.1	PE/PP/PA	Y/N
Φ8.1	Φ11.7	PE/PP/PA	Y/N	Φ22.5	Φ28.6	PE/PP/PA	Y/N
Φ9	Φ12.5	PE/PP/PA	Y/N	Φ23.7	Φ27.5	PE/PP/PA	Y/N
Φ10.4	Φ14.6	PE/PP/PA	Y/N	Φ25	Φ29.5	PE/PP/PA	Y/N
Φ11.7	Φ15.5	PE/PP/PA	Y/N	Φ26.3	Φ33	PE/PP/PA	Y/N
Φ12.8	Φ17.4	PE/PP/PA	Y/N	Φ28.5	Φ33.5	PE/PP/PA	Y/N
Φ14.5	Φ18.5	PE/PP/PA	Y/N	Φ32	Φ38	PE/PP/PA	Y/N
Φ15.2	Φ19.4	PE/PP/PA	Y/N	Φ36.5	Φ42.5	PE/PP/PA	Y/N
Φ16.3	Φ20.5	PE/PP/PA	Y/N	Φ40	Φ45.5	PE/PP/PA	Y/N
Φ17	Φ21.2	PE/PP/PA	Y/N				

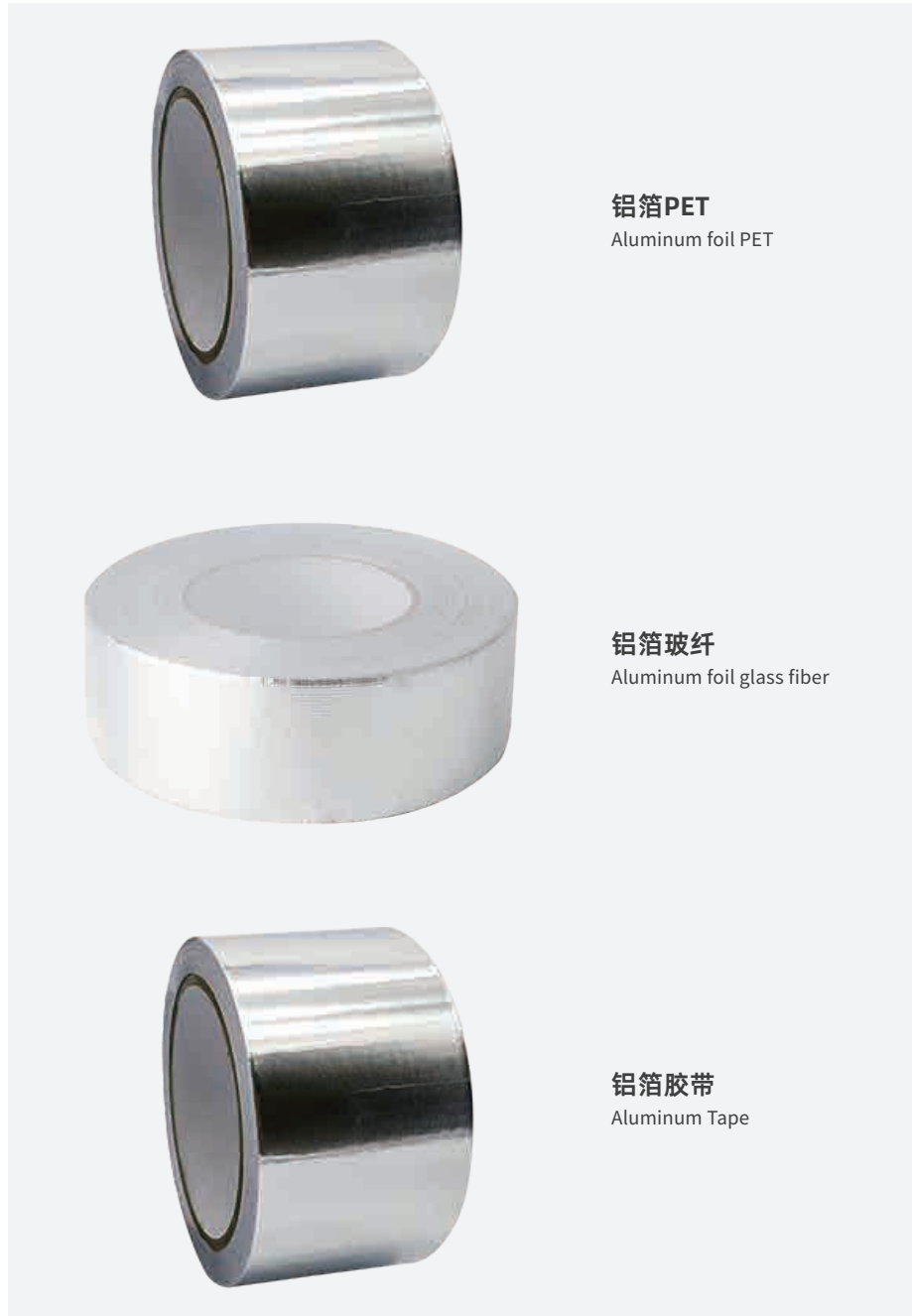


PROTECTION / 防护

ADHESIVE TAPE
胶带

产品介绍 Product Introduction

适用于汽车系统中各个部位的隔热、固定、粘接等。
Suitable for insulation, fixation, bonding, etc. in various parts of automotive systems.



基本用途 Basic application

隔热、粘接、固定
Insulation, bonding, and fixation

实验测试 Experimental testing

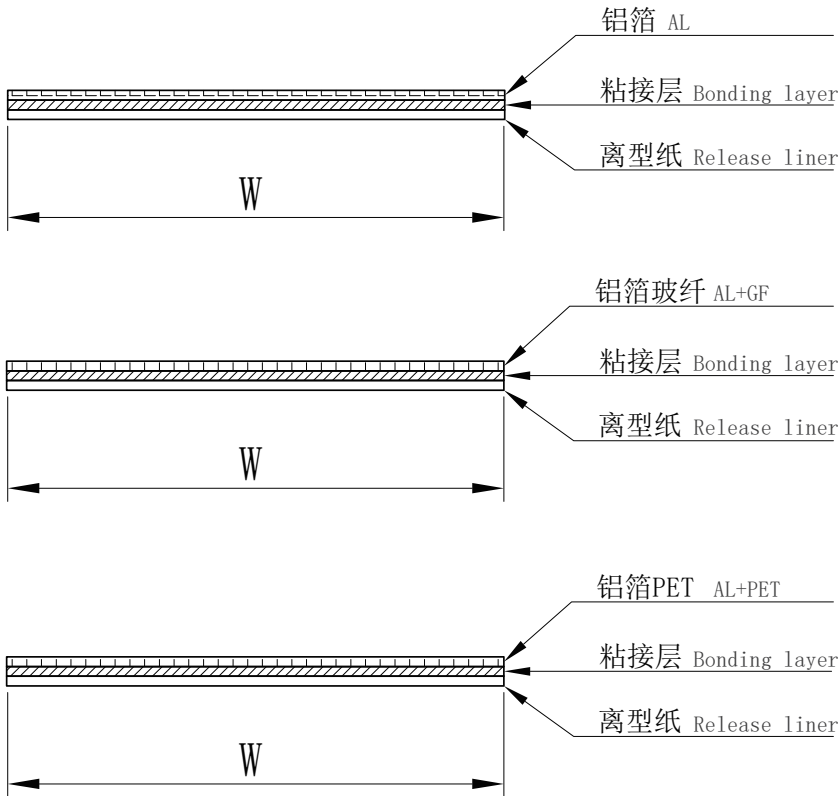
- 隔热性能 Thermal insulation performance
- 粘接强度 Adhesion
- 抗拉强度 Tensile strength

性能测试 Performance Test

测试项目 Test item
耐水性(室温) Water resistance (room temperature)
耐油性(室温) Oil resistance (room temperature)
耐温(高温&低温) Temperature resistance (high temperature&low temperature)

产品规格 Product specification (mm)

规格 Specification (mm)	材料 Material
长度可定制 Length customized	铝箔 AL
	铝箔PET AL+PET
	铝箔玻纤 AL+GF



CONNECTION / 连接

ALUMINUM AIR DUCT
铝风管

产品介绍 Product Introduction

采用玻璃纤维布和弹性钢丝缠绕而成、外层包覆保温材料。主要用于气体的输送,尤其适用于不规则空间的柔性连接。风管在外部受压或震动时,能保证管内最大的通风空间。

Made by winding glass fiber cloth and elastic steel wire, and wrapped with insulation material on the outer layer. Mainly used for gas transportation, especially suitable for flexible connections in irregular spaces. When the air duct is subjected to external pressure or vibration, it can ensure the maximum ventilation space inside the duct.



自由弯曲
Free bending



工作温度
-40°C~+100°C
Working temperature
-40 °C ~+100 °C



对流体和化学成份有良好抗性
Has good resistance to fluids
and chemical composition



阻燃性好
Good flame retardancy

符合德国及欧洲对汽车、船舶、轨 道车辆、建
筑材料的防火标准 (DIN5510、DIN4102、
IMO FTPC , PART 5)

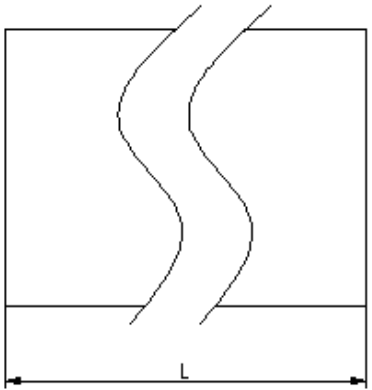
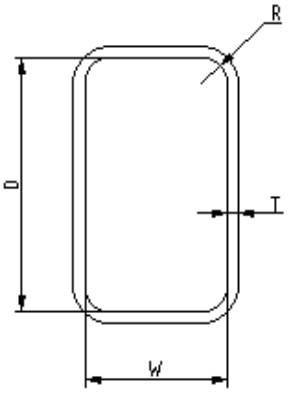
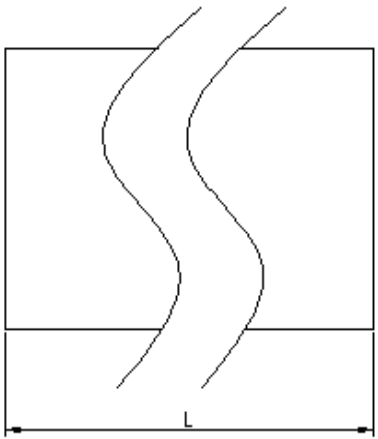
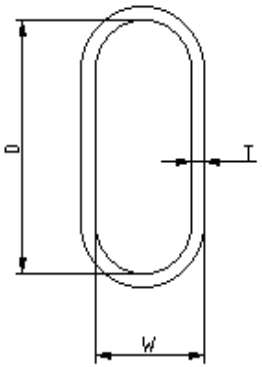
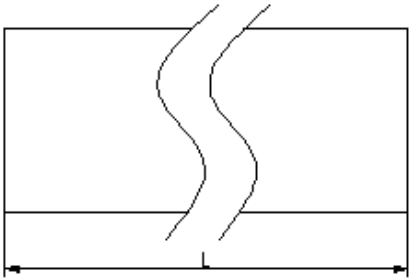
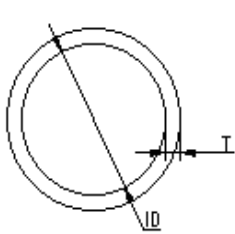
Compliant with German and European fire
protection standards for automobiles, ships,
rail vehicles, and building materials
(DIN5510, DIN4102, IMO FTPC, PART 5)

基本用途 Basic application

常用于大巴、房车、轨道车辆、游艇、别墅新风换气的空调系统内
Commonly used in air conditioning systems for buses, RVs, rail vehicles, yachts, and villas for fresh air exchange

产品规格 Product Specification (mm)

内径 ID (mm)	R角 R angle
100*60	R15
100*65	R12
100*90	R20
110*65	R12
112*55	R6
112*55	R6
115*70	R10
124*60	R12
125*25	R12.5
125*60	R12
133*46	R23
140*55	R15
142*60	R15
142*70	R15
150*140	R30
150*45	R10
151*71	R6
152*127	R10
155*105	R10
168*63	R15
170*40	R6
180*40	R20
180*45	R15
185*80	R10
190*100	R50
190*75	R10
192*80	R40
195*120	R30
196*111	R55.5
200*50	R12
200*70	R10
205*30	R15
210*168	R20
220*80	R10
225*65	R32.5
240*145	R72.5
240*90	R45
250*100	R25
250*150	R15
250*70	R25
251*36	R6
290*190	R30
300*50	R10
301*66	R33
304*104	R22
320*80	R40
80*50	R6
90*20	R10



CONNECTION / 连接

SILENCING DUCT
消音风管

产品介绍 Product Introduction

配备了椭圆形、多边形、圆形的消声器或矩形器,该管全部采用铝制打孔带材生产,消声管内外用软管,能更好地阻断来自空气的扩散声源和机器及空调设备中的噪音。隔音层厚10mm至50mm,也可以根据不同的隔音要求定做。

Equipped with elliptical, polygonal, and circular mufflers or rectangular tubes, all of which are made of perforated aluminum strips. Soft hoses are used inside and outside the muffler tube to better block the diffusion of sound sources from the air and noise from machines and air conditioning equipment. The sound insulation layer is 10mm to 50mm thick, and can also be customized according to different sound insulation requirements.



耐高温及防火
High temperature resistance
and fire prevention



自由弯曲
Free bending



阻燃
Flame retardant



吸音、降噪
Sound absorption
and noise reduction



基本用途 Basic application

常用于大巴、房车、轨道车辆、游艇、别墅新风换气的空调系统内
Commonly used in air conditioning systems for buses, RVs, rail vehicles, yachts, and villas for fresh air exchange

实验测试 Experimental testing

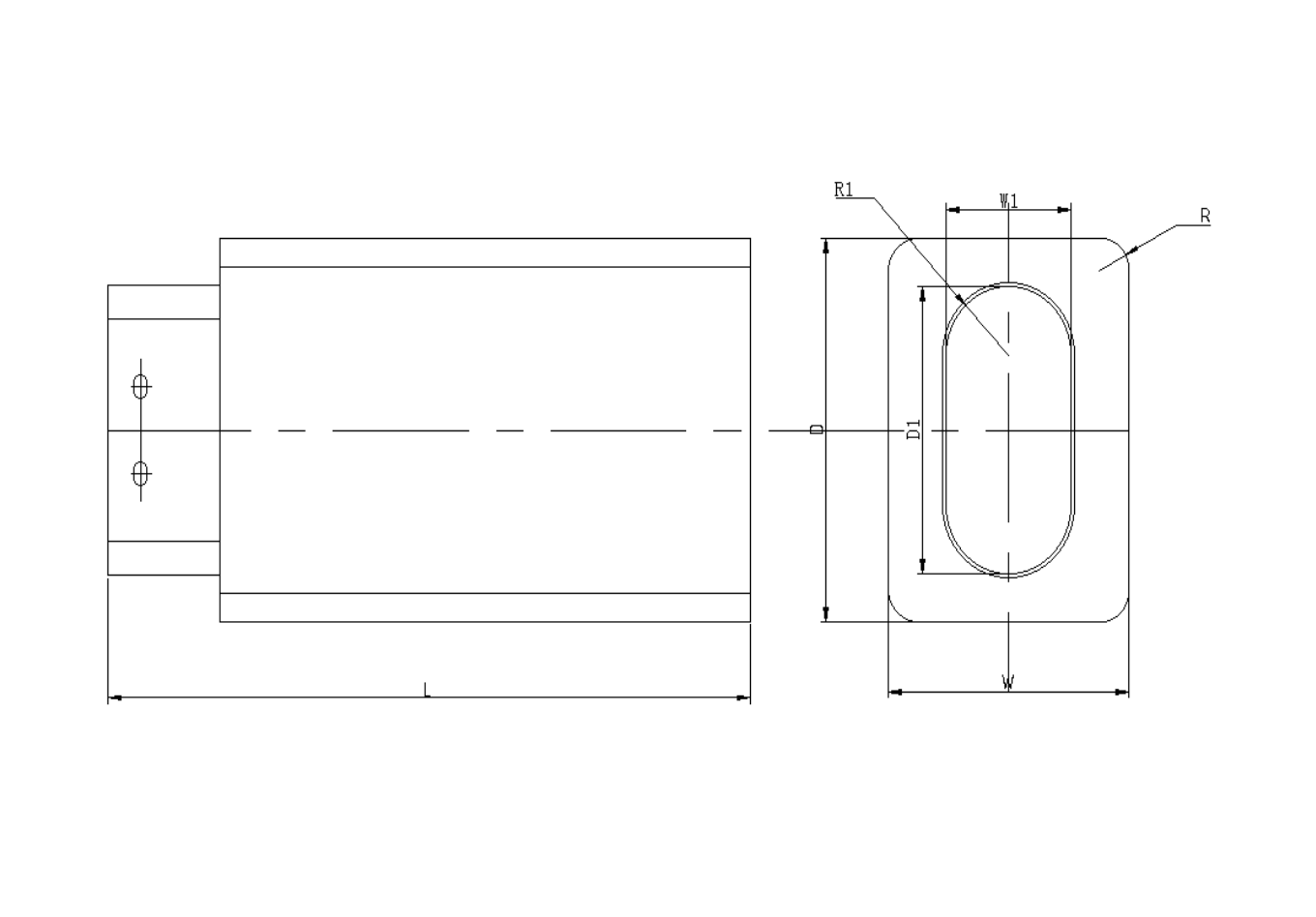
- 保温性能
Thermal insulating property
- 禁限用物质
Prohibited and restricted substances

性能测试 Performance Test

测试项目 Test Item	测试条件 Test Condition
工作温度 Operation temperature	-40°C~+80°C

产品规格 Product Specification (mm)

接口尺寸 Interface size (mm)	材料 Material
123*58	铝+玻璃棉+接头 Aluminum+glass wool+connector
125*58	
105*58	
圆形可定制 Circular customizable	



CONNECTION / 连接

SILICONE SOFT AIR DUCT
硅胶软风道

产品介绍 Product Introduction

采用玻璃纤维布和弹性钢丝缠绕而成、外层包覆保温材料。主要用于气体的输送，尤其适用于不规则空间的柔性连接。风管在外部受压或震动时，能保证管内最大的通风空间。

Made by winding glass fiber cloth and elastic steel wire, and wrapped with insulation material on the outer layer. Mainly used for gas transportation, especially suitable for flexible connections in irregular spaces. When the air duct is subjected to external pressure or vibration, it can ensure the maximum ventilation space inside the duct.



自由弯曲
Free bending



工作温度
-40℃-+100℃
Working temperature
-40 °C -+100 °C



对流体和化学成份有良好抗性
Has good resistance to fluids and chemical composition



阻燃性好
Good flame retardancy

符合德国及欧洲对汽车、船舶、轨道车辆、建筑材料的防火标准（DIN5510、DIN4102、IMO FTPC，PART 5）

Compliant with German and European fire protection standards for automobiles, ships, rail vehicles, and building materials (DIN5510, DIN4102, IMO FTPC, PART 5)



基本用途 Basic application

常用于大巴、房车、轨道车辆、游艇、别墅新风换气的空调系统内
Commonly used in air conditioning systems for buses, RVs, rail vehicles, yachts, and villas for fresh air exchange

实验测试 Experimental testing

- 保温性能
Thermal insulating property
- 导热系数
Thermal conductivity

产品规格 Product Specification (mm)

规格 Specification (mm)
可定制 Customizable

ACCESSORIES / 配件

ACCESSORIES FOR RAIL TRANSIT
轨道配件

产品介绍 Product Introduction

铝合金材料，用于通风管路连接处，与铝风管配套使用。为铝风管的安装、连接、加长及固定。

Aluminum alloy material, used for connecting ventilation ducts and used in conjunction with aluminum air ducts. Installation, connection, extension, and fixation of aluminum ducts.



质量轻、强度好、美观
Lightweight, strong, and aesthetically pleasing



耐腐蚀性、无磁性、无毒性
Corrosion resistance, non-magnetic, non-toxic



耐低温
Low temperature resistance

基本用途 Basic application

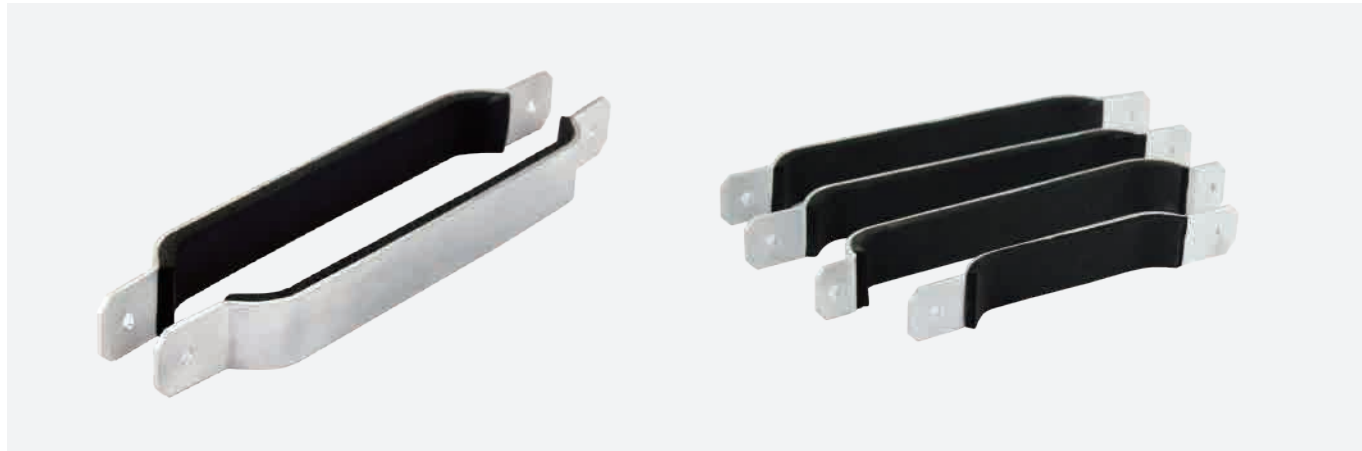
通风管路连接处
Ventilation pipeline connection

产品规格 Product Specification (mm)

端口，法兰，哈夫，喉箍，密封垫等均可提供
We can also provide all kinds of connectors, different flanges, hose clamp and gaskets, etc.



端口
Connector



哈夫
Connection



塑料法兰
Plastic flange



喉箍
Hose clamp



铝法兰
Aluminum flange



内接口
Inner joint



密封垫
Gasket