

VERTICLA AOXIN HIGH TECHNOLOGY

立奥信高科技有限公司

//电 加 热 软 管 生 产 商//

//Electricheatinghosemanufacturer//

Development · Cooperation · Win-Win

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HOSE

COMPANY PROFILE

公司简介

Huizhou Verticla Aoxin High-Tech Co., Ltd. is a high-tech private enterprise specializing in the R&D, production and sales of electric heating hoses. It is located at 1-4 Floors, Building 8, Jinhuan Yungu, approximately 77 meters southwest of the intersection of Xin'an Road and Xinhe Road, Huicheng District, Huizhou City.

The company has established a comprehensive quality assurance system, implementing strict inspections on every process and link from raw material incoming to product outgoing, ensuring that product quality remains under control at all times. Our products are characterized by stable performance, excellent quality, timely delivery and considerate service.

Adhering to the business philosophy of "Integrity-based, Win-win Cooperation" and the corporate spirit of "Quality First, Progressive Endeavor", the company will work hand in hand with customers with a strong sense of responsibility to create a bright future together!

Huizhou Liaoixin High-tech Co., Ltd. is located on the 1st to 4th floors of Building 8, Jinhuan Yu Yun Gu, about 77 meters southwest of the intersection of Xin'an Road and Xinhe Road in Huicheng District, Huizhou City. It is a high-tech private enterprise specializing in the research and development, production and sales of electric heating hoses.



VERTICLA AOXIN

立奥信高科技有限公司





01

HOT MELT HOSE

热熔胶管



Our hot melt glue hoses are suitable for all types of hot melt glue machines and PUR glue machines, and are fully compatible with imported models such as Nordson, Robatech, Trennert, and Müller glue machines.

These products are widely applied across numerous industries, including wood and construction, filter manufacturing, automotive interior and assembly, textiles, packaging, and electronic instruments.

At Verticla Aoxin, our hot melt glue hoses have moved beyond the traditional manual winding process. We utilize fully automated equipment for winding, and each hose undergoes five rigorous inspection procedures from crimping to final delivery, ensuring the consistent quality of every single unit.

Our hoses feature a range of industry-leading advantages: kink resistance, full flame retardancy, excellent anti-aging properties, and a uniform temperature difference between the inner and outer layers that never exceeds $\pm 5^{\circ}\text{C}$.



02

FILLING MACHINE TUBE

灌缝机管



Suitable for a wide range of pavement maintenance equipment, including pavement crack sealing machines, asphalt crack sealing trucks, and pavement maintenance & recycling equipment.

VERTICLA AOXIN provides complete pipeline & gun assemblies and customized special heating solutions for numerous pavement maintenance equipment manufacturers.

In terms of pipeline manufacturing technology, VERTICLA AOXIN implements five rigorous inspection procedures from pipeline crimping to final delivery, guaranteeing the quality and stability of each pipeline.



03

RUBBER HOSE FOR THE MATTRESS INDUSTRY

床垫行业输胶管



Suitable for various domestic and imported extrusion and injection molding equipment.

The inner tube features a maximum pressure resistance of up to 40 MPa.

All inner tubes of high-pressure hoses are imported from Japan.

Backed by three layers of quality assurance—supplier inspection, customs inspection and our own self-inspection—we ensure the temperature resistance and pressure resistance of each hose.



04

GAS HEATING TUBE

气体加热管



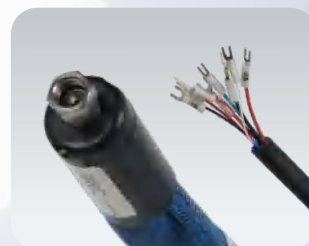
Suitable for various gas sampling equipment, UV and infrared sampling analyzers, automobile exhaust sampling and analysis, laboratory sampling and analysis, etc.



05

PU POLYURETHANE HOSE

PU 聚氨酯胶管



Suitable for solvent-free laminating machines, shoe material foaming equipment, filling machines, polyurea spraying construction equipment, two-component adhesive mixing and coating equipment, etc.



06

FOOD AND MEDICINE TUBE**食品医药管**

Suitable for various medical and food conveying equipment.
Adopts customized food-grade inner tubes for material conveying, and all hoses can be customized according to your requirements.



07

OIL PIPE

石油输送管



Suitable for crude oil transportation in various scenarios and can be customized as required.



08

FLUE GAS MONITORING

烟气监测



Suitable for various 3D printing equipment, and hoses can be customized as required.



09

AUTOMOTIVE SEALANT COATING

汽车密封胶涂装



Suitable for various imported and domestic glue dispensing pumps, including Nordson RT, SCA, ATN, GRACO and other brands. Customization can be made according to your technical parameters.

In recent years, relying on excellent product quality, VERTICLA AOXIN has established in-depth cooperation with renowned automakers such as FAW-Volkswagen and Beijing Benz, and has earned wide recognition and high praise.



10

CUSTOM TUBE

特殊定制管



Various special pipelines and hoses for transporting special media.
All products can be customized as required.



11

GAS HEATING TUBE

气体加热管



Special hoses for polyurethane equipment are widely used in various laminating machines, two-component polyurethane composite and bonding equipment. Over the years, we have accumulated a large number of high-quality customers with stable product quality and comprehensive customer service.



12

HOT MELT HOSE

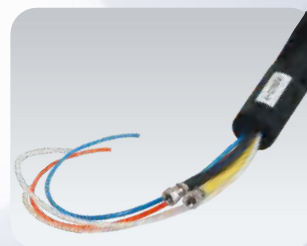
热熔胶管



13

PU POLYURETHANE HOSE

PU 聚氨酯胶管



14

PU POLYURETHANE HOSE

PU 聚氨酯胶管



We can customize various heating systems as required and provide complete systematic heating solutions.



ALL TYPES OF JOINTS

各类型接头

澳普龙航插系列

AOPULO AVIATION PLUG
SERIES



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75

威普航插系列

WEIPU AVIATION PLUG
SERIES



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75

哈丁航插系列 HARDING AVIATION PLUG SERIES



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



87611/87612
P75



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P75



87611/87612
P75

Product parameter

Product parameter

 I.D.	 W.P. at 23°C		 W.P. at 200°C		 B.P.		 M.B.R.
mm	bar	psi	bar	psi	bar	psi	mm
6	345	5000	207	3000	1103	16000	38.1
8	345	5000	207	3000	1103	16000	63.5
10	345	5000	207	3000	1103	16000	73.7
12	345	5000	207	3000	1103	16000	83.8
16	345	5000	207	3000	1103	16000	101.6
19	345	5000	207	3000	1103	16000	127
25	345	5000	207	3000	1103	16000	304.8

1. Electrical Specifications

Electric appliance

- Temp Sensor Type: ☐PT100, ☐Type K, ☐Type J, ☐Type NI120, ☐Type E, ☐Other types_____
- Hose Operating Voltage:☐220V、☐380V、☐24V、☐48V、☐Other_____.
- Hose Operating Temperature: 180°C, 220°C, Other_____.
- Maximum Outer Sheath Temperature:_____
- Rated Power:_____
- Heating Efficiency: Time to reach normal operating temp: _____ min.
- Heating & Temp Sensing Outlet: ☐Tank End, ☐Gun Body End, Length: _____ m.
- Gun Head Requirements:

Heating Wire Required: _____

Temp Sensing Wire Required: _____

Switch Wire Required: Length: _____ m

Heating Power: _____ W.
- Aviation Plug (Outlet End)_____, Plug Type:☐ Plug/Board Type☐ Plug/Socket Type.
- Insulation Resistance:≥ _____MΩ (live parts to outer casing)

2. Appearance & Application

Appearance application

- Heating Hose Length: ☐ 1.5m, ☐ 2.5m, ☐ 3.5m, ☐ Other (customizable)_____.
- Material Feed Tube I.D.: ☐ 8mm, ☐ 13mm, ☐ 16mm, ☐ 9mm, ☐ Other diameter_____.
- End Connector Sealing Requirement: ☐ Taper seal, ☐ Raised face seal, ☐ Flange seal, ☐ Other seal_____.
- Heating Tank End Connector Size: Same as above.
- Spray Gun End Connector Size: Same as above.
- Hose Outer Color: Black, Orange, Blue, Red, Other (customizable)_____.
- Heating Hose O.D. Requirement: _____Max. O.D.: _____

3. Pressure Resistance & Other Specifications

Withstand voltage

- Operating Pressure: ☐ 1-4MPa, ☐ 5-25MPa, ☐ Above 30MPa_____.
- Min. Bending Radius: _____ cm.
- Internal Fluid Type:_____.
- Flame Retardant Rating:_____.
- Outer Sheath Performance Requirements: ☐ Waterproof, ☐ Wear-resistant, ☐ High Temperature Resistant, ☐ Flame Retardant, ☐ No Requirement, ☐ Other Requirements_____.
- Is Drainage Required: _____Waterproof Rating:_____.
- Inner Feed Hose Requirements: ☐ PTFE (Polytetrafluoroethylene), ☐ RUB (Rubber), ☐ Other_____.
- Is Elongation Allowed: _____Allowable Elongation: _____cm.
- Other Requirements:_____.
- **This type of hose can be fully customized according to customer requirements.**

■ 什么是PTFE What is PTFE?

- 聚四氟乙烯管 (PTFE) 于1938年由杜邦公司Roy Plunkett 博士所发现, 简称为铁氟龙、铁富龙、特富龙、特氟隆, 全称PTFE、F4, 堪称塑料王。Polytetrafluoroethylene (PTFE), to give it its full chemical name, was discovered in 1938 by Dupont scientist Dr. Roy Plunkett.
- PTFE是氟碳组中的塑料树脂。
PTFE is a plastic resin in the Fluorocarbon group.
- PTFE是解决含有腐蚀性强的化学物质或极致温度、运动又或者卫生是至关重要的液体运输应用的最佳理想方案。
PTFE is an ideal solution for fluid transfer applications involving strongly aggressive chemicals, extremes of temperature/movement or where hygiene is paramount.

■ 关键属性 Key Properties

工作温度范围: A wide working temperature range
-65°C to +260°C (-85°F to +500°F)

耐溶剂 Solvent resistance

非粘性 Non-sticky

非湿性 Non-wetting

无毒性 Non-toxic

非燃性 Non-flammable

低渗透性 Lowest permeability

化学惰性 Chemical inert

低摩擦系数 Lowest coefficient of friction

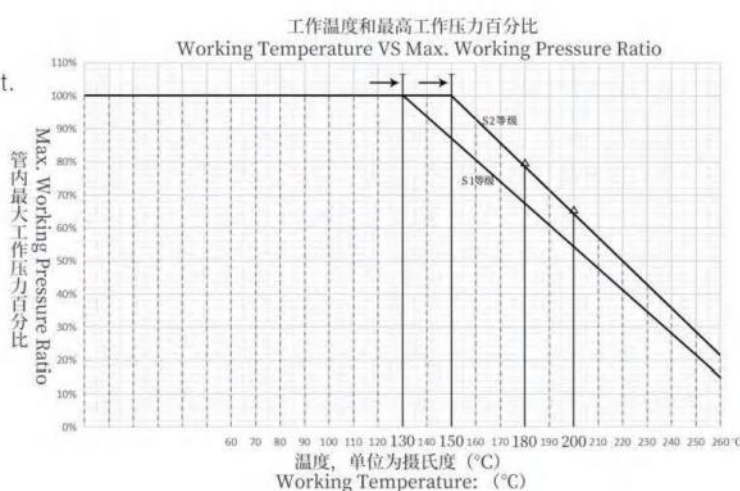
抗风化, 老化性 Weathering / Ageing resistance

良好的电气性能 Excellent electrical properties

轻便 Light weight

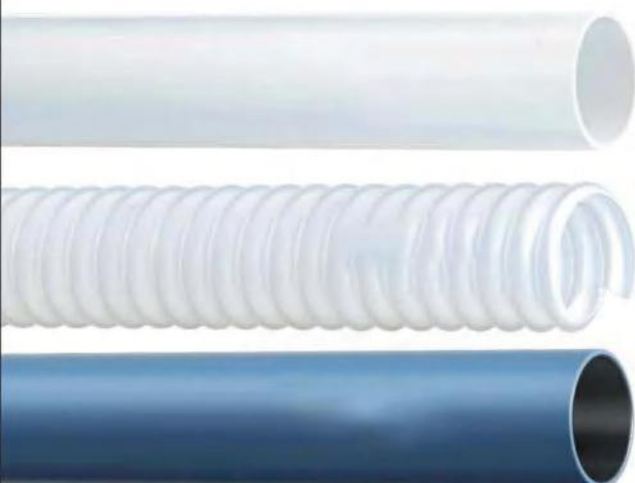
■ 温度及压力 Temperature and Pressure

- 最大的工作或者爆破压力会随着工作温度的增加而减小。
The increased working temperatures require a reduction in maximum rated working or burst pressure.
- 从而需要进一步考虑对铁氟龙管性能的影响。
Further consideration should be taken on the effect on the hose performance. Please contact us for any doubt.



■ 压力的数据 Data for Pressure

- 所有工作和爆破压力均在室温25°C下测试录取。
All stated working and burst pressure are measured at the room temperature of 25°C.



氟塑料与其他塑料的性能对比图 Comparison Of Properties Between Fluoroplastics And Other Plastics

性能 Properties		PTFE	PFA	FEP	ETFE	PVDF
热特性 Thermal Properties						
熔点 Melting Point	℃	327	310	260	270	151-178
最高工作温度 Max. Temperature	℃	260	260	200	150	130
机械性质 Mechanical Properties						
比重 Specific Gravity	g/m ³	2.14-2.20	2.14-2.17	2.14-2.17	1.73-1.74	1.75-1.78
抗张强度 Tensile Strength	psi	2560-3900	3900	3500	5500-6000	4300-10100
拉伸模量 Tensile Modulus	psi	58000-87000	44000-50000	46000-52000	101000-123000	53000-374000
延伸率 Elongation	%	250-400	300-350	250-300	200-300	20-370
摩擦系数 Coefficient of Friction	<3m/min	0.1	0.2	0.3	0.4	0.4
硬度 Hardness	Shore D scale	D-55-65	D-60-65	D-55-60	D67-78	D64-79
抗压强度 Compressive Strength	psi	3500	2100	2100	5800	4600
冲击强度 Impact Strength	J/m	150-160	Not Broken	Not Broken	Not Broken	160-375
弯曲模量 Flexural Modulus	psi	7100-85000	94000-99000	78000-92000	128000-171000	90000-168000
弯曲强度 Flexural Strength	psi	Not Broken	Not Broken	Not Broken	5500	8600-9500
弯曲寿命 Flex Life (MIT Cycle)		>1000000	10000-500000	5000-80000	10000-27000	N/A
电气性能 Electrical Properties						
电容率 Dielectric Constant		2.1	2.1	2.1	2.6	7.72
介电强度 Dielectric Strength		500	500	500	N/A	N/A
体积电阻率 Volume Resistivity	ohm-cm	>10 ¹⁸	>10 ¹⁸	>10 ¹⁸	>10 ¹⁶	2X10 ¹⁴
表面电阻率 Surface Resistivity	ohm-cm	>10 ¹⁷	>10 ¹⁷	>10 ¹⁷	>10 ¹⁵	5X10 ¹⁴
易燃性 Flammability		V-0	V-0	V-0	V-0	V-0
常规属性 General Properties						
吸水率 Water Absorption	%	<0.01	<0.03	<0.01	<0.03	<0.04
氧指数 Oxygen Index		>95	>95	>95	31	43
耐化学性 Chemical Resistance						
酸 Acid		Super Excellent	Super Excellent	Super Excellent	Excellent	Excellent
碱 Alkali		Super Excellent	Super Excellent	Super Excellent	Excellent	Very Good
溶剂 Solvent		Super Excellent	Super Excellent	Super Excellent	Excellent	Good

材料 Material	持续工作最高温度 Max. Continuous Service Temperature	介电强度 Dielectric Strength	摩擦系数 Friction Coefficient
PTFE	260℃	25kv/mm	0.11
PFA	260℃	20-24kv/mm	0.2
FEP	200℃	20-24kv/mm	0.3
PP	110-130℃	20-27kv/mm	0.82
PVC	60-80℃	14-20kv/mm	0.31
HDPE	120℃	18-20kv/mm	0.2

耐化学性对比图 Chemical Resistance			
材质 Material	酸 Acid	碱 Alkali	溶剂 Solvent
PTFE	E	E	E
PFA	E	E	E
FEP	E	E	E
PP	G	G	U
PVC	G	G	U
Nylon	U	U	U





ZXGM141
厚壁高压系列
Medium Pressure Gas Hose



ZXGM141B
防静电厚壁高压系列
Medium Pressure Gas Hose

ZXGM141-PL 加厚光面编织管外编织棉线
Medium Pressure Gas Hose With Polyester Braid



ZXGM141-PU 加厚光面编织管外包PU
Medium Pressure Gas Hose With PU Coated



德系工艺
German Quality



内管特性

Core Properties

聚四氟乙烯(P.T.F.E)耐高低温, 耐腐蚀, 抗老化, 不粘

PTFE is resistant to low & high temperature, corrosion, ageing, with non-sticky surface

增强结构

Reinforcement Layer

一层高强304&316钢丝编织

One layer of high tensile stainless steel 304 / 316 wire braided

工作温度

Working Temperature

内管耐温-65℃~250℃

-65℃~250℃ (-85°F~482°F)

输送介质

Transfer Medium

高温油, 高温水, 高温蒸汽, 气体, 强酸, 强碱, 石油, 柴油, 汽油, 化工, 食品, 医药, 胶水等各种流体

High temp oil, high temp water, steam, gas, strong acid, strong alkali, petroleum, diesel, gasoline, chemical, food, medicine, glue & other fluid

外包/编织层

Outer Cover

涤纶, 芳纶, 玻璃纤维, 尼龙, 硅胶, PVC, PU, EPDM

Polyester, Aramid fiber, glass fiber, Nylon, Silicone, PVC, PU, EPDM

外层颜色

Cover Color

红, 黑, 蓝, 灰, 白, 绿, 黄, 红透, 蓝透, 黑透, 紫透, 绿透

Red, black, blue, gray, white, green, yellow, clear-red, clear-blue, clear-black, clear-purple, clear-green

包装类型

Package Types

卷, 卷轴, 纸箱, 托盘, 木箱

Roll, Reel, Carton, Pallet, Wooden Case

产品认证

Certification

ISO9001:2015 | RoHS Directive (EU) 2015/863 | US FDA 21 CFR 177.1550 | EU GHS SDS | ISO/TS 16949

导电系数

Conductivity

10⁶

No. 编号													
	内径 I.D.		外径 O.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.		弯曲半径 MIN.B.R.		套筒规格
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)	Collar Spec.
ZXGM141-05	1/4"	6.5	0.394	10	0.039	1	2718.8	188	10875	750	4.331	110	ZXTF0-04
ZXGM141-06	5/16"	8	0.469	11.9	0.047	1.2	2555.6	176	10223	705	6.299	160	ZXTF0-05
ZXGM141-08	3/8"	10	0.571	14.5	0.059	1.5	1993.8	138	7975	550	8.268	210	ZXTF0-06
ZXGM141-10	1/2"	13	0.701	17.8	0.059	1.5	1812.5	125	7250	500	9.843	250	ZXTF0-08
ZXGM141-12	5/8"	16	0.819	20.8	0.059	1.5	1413.8	98	5655	390	17.323	440	ZXTF0-10
ZXGM141-14	3/4"	19	0.965	24.5	0.078	2	1268.8	88	5075	350	20.079	510	ZXTF0-12
ZXGM141-18	1"	25.4	1.224	31.1	0.078	2	870	60	3480	240	21.220	539	ZXTF0-16



ZXGM161
超高压系列
Ultra-High Pressure Hose



ZXGM161B
防静电超高压系列
Conductive Ultra-High Pressure Hose



内管特性

Core Properties

聚四氟乙烯(P.T.F.E)耐高低温, 耐腐蚀, 抗老化, 不粘

PTFE is resistant to low & high temperature, corrosion, ageing, with non-sticky surface

增强结构

Reinforcement Layer

一二四层镀锌缠绕, 第五层304钢丝编织

Four layers of zinc-coated wire spiral & outer one layer of stainless steel 304 wire braided

工作温度

Working Temperature

内管耐温-65℃~220℃

-65℃~220℃ (-85 F~428 F)

输送介质

Transfer Medium

高温油, 高温水, 高温蒸汽, 强酸, 强碱, 石油, 柴油, 汽油, 化工, 食品, 医药, 胶水等各种流体

High temp oil, high temp water, steam, strong acid, strong alkali, petroleum, diesel, gasoline, chemical, food, medicine, glue & other fluids

包装类型

Package Types

卷, 卷轴, 纸箱, 托盘, 木箱

Roll, Reel, Carton, Pallet, Wooden Case

产品认证

Certification

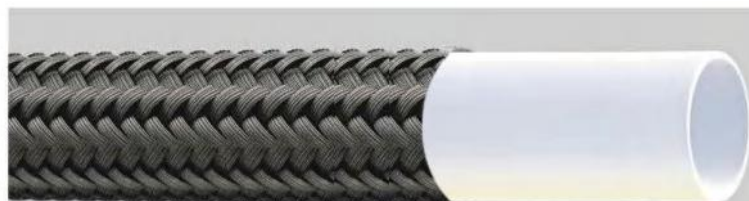
ISO9001:2015 | RoHS Directive (EU) 2015/863 | US FDA 21 CFR 177.1550 | EU GHS SDS | ISO/TS 16949

导电系数

Conductivity

10⁵

No. 编号												
	内径 I.D.		外径 O.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.		弯曲半径 MIN.B.R.	
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
ZXGM161-08	3/8"	10	0.630	16	0.059	1.5	4833	333	14500	1000	8.307	211
ZXGM161-10	1/2"	13	0.866	22	0.059	1.5	4833	333	14500	1000	7.165	182
ZXGM161-12	5/8"	16	0.984	25	0.059	1.5	4350	300	13050	900	8.307	211
ZXGM161-14	3/4"	19	1.142	29	0.079	2	3867	267	11600	800	13.307	338
ZXGM161-18	1"	25	1.456	37	0.079	2	3383	233	10150	700	21.220	539
ZXGM161-20	1-1/4"	32	1.772	45	0.079	2	2948	203	8845	610	33.465	850



ZXGM171
高性能系列(多股)
High Performance Hose



ZXGM171B
防静电高性能系列(多股)
Conductive High Performance Hose



内管特性
Core Properties

聚四氟乙烯(P.T.F.E)耐高低温, 耐腐蚀, 抗老化, 不粘
PTFE is resistant to low & high temperature, corrosion, ageing, with non-sticky surface

增强结构
Reinforcement Layer

多股304钢丝编织
Stainless steel 304 wire bunch braided

工作温度
Working Temperature

内管耐温-65℃~260℃
-65℃~260℃ (-85°F~500°F)

输送介质
Transfer Medium

高温油, 高温水, 高温蒸汽, 强酸, 强碱, 石油, 柴油, 汽油, 化工, 食品, 医药, 胶水等各种流体
High temp oil, high temp water, steam, strong acid, strong alkali, petroleum, diesel, gasoline, chemical, food, medicine, glue & other fluids

包装类型
Package Types

卷, 卷轴, 纸箱, 托盘, 木箱
Roll, Reel, Carton, Pallet, Wooden Case

产品认证
Certification

ISO9001:2015 | RoHS Directive (EU) 2015/863 | US FDA 21 CFR 177.1550 | EU GHS SDS | ISO/TS 16949

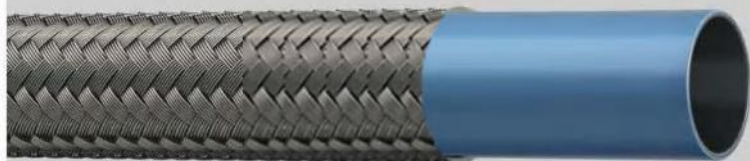
导电系数
Conductivity

10⁶

No. 编号												
	内径 I.D.		外径 O.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.		弯曲半径 MIN.B.R.	
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
ZXGM171-04	3/16"	5	0.362	9.2	0.039	1	4002	276	16008	1104	1.575	40
ZXGM171-05	1/4"	6.5	0.402	10.2	0.039	1	4002	276	16008	1104	2.362	60
ZXGM171-06	5/16"	8	0.535	13.6	0.047	1.2	4002	276	16008	1104	3.150	80
ZXGM171-08	3/8"	10	0.622	15.8	0.059	1.5	4002	276	16008	1104	5.906	150
ZXGM171-10	1/2"	13	0.732	18.6	0.059	1.5	3625	250	14500	1000	7.087	180
ZXGM171-12	5/8"	16	0.846	21.5	0.059	1.5	3625	250	14500	1000	11.811	300
ZXGM171-14	3/4"	19	1.142	29	0.079	2	3625	250	14500	1000	10.236	260
ZXGM171-18	1"	25.4	1.319	33.5	0.079	2	3625	250	14500	1000	15.748	400



ZXAN001
AN汽车管
Automotive PTFE Hose



ZXAN001B
防静电AN汽车管
Conductive Automotive PTFE Hose



内管特性

Core Properties

聚四氟乙烯(P.T.F.E)耐高低温, 耐腐蚀, 抗老化, 不粘
PTFE is resistant to low & high temperature, corrosion, ageing, with non-sticky surface

增强结构

Reinforcement Layer

一层高强304&316钢丝编织
One layer of high tensile stainless steel 304 / 316 wire braided

工作温度

Working Temperature

内管耐温-65℃~260℃
-65℃~260℃ (-85°F~500°F)

输送介质

Transfer Medium

高温油, 高温水, 高温蒸汽, 石油, 柴油, 汽油, 化工, 冷却液等各种流体
High temp oil, high temp water, steam, petroleum, diesel, gasoline, chemical, coolant & other fluids

外包/编织层

Outer Cover

涤纶, 芳纶, 玻璃纤维, 尼龙, 硅胶, PVC, PU, EPDM
Polyester, Aramid fiber, glass fiber, Nylon, Silicone, PVC, PU, EPDM

外层颜色

Cover Color

红, 黑, 蓝, 灰, 白, 绿, 黄, 红透, 蓝透, 黑透, 紫透, 绿透
Red, black, blue, gray, white, green, yellow, clear-red, clear-blue, clear-black, clear-purple, clear-green

包装类型

Package Types

卷, 卷轴, 纸箱, 托盘, 木箱
Roll, Reel, Carton, Pallet, Wooden Case

产品认证

Certification

ISO9001:2015 | RoHS Directive (EU) 2015/863 | US FDA 21 CFR 177.1550 | EU GHS SDS | ISO/TS 16949

导电系数

Conductivity

10⁶

No. 编号													
	内径 I.D.		外径 O.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.		弯曲半径 MIN.B.R.		
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)		(mm)
ZXAN001-03	9/64"	3.56	0.250	6.4	0.039	1	3001.5	207	12006	828	2.008	51	AN3
ZXAN001-04	3/16"	4.83	0.315	8	0.033	0.85	3001.5	207	12006	828	2.953	75	AN4
ZXAN001-06	21/64"	8.13	0.430	10.9	0.028	0.7	2501.3	173	10005	690	3.622	92	AN6
ZXAN001-08	27/64"	10.67	0.540	13.7	0.028	0.7	2001	138	8004	552	5.157	131	AN8
ZXAN001-10	33/64"	12.95	0.630	16	0.033	0.85	1500.8	104	6003	414	7.165	182	AN10
ZXAN001-12	41/64"	16.26	0.760	19.3	0.039	1	1000.5	69	4002	276	8.307	211	AN12
ZXAN001-16	7/8"	22.22	1.030	26.2	0.039	1	750.4	52	3001.5	207	16.575	421	AN16
ZXAN001-20	1-1/8"	28.57	1.290	32.8	0.047	1.2	627.1	43	2508.5	173	25.591	650	AN20



ZXBW301
内平外波编织管
PTFE Smooth Bore Convuluted Hose

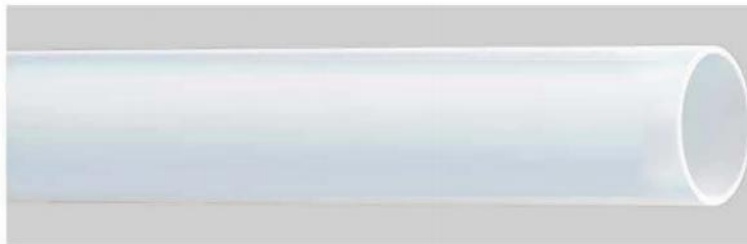


ZXBW301B
防静电内平外波编织管
Conductive PTFE Smooth Bore Convuluted Hose



内管特性 Core Properties	聚四氟乙烯(P.T.F.E)耐高低温, 耐腐蚀, 抗老化, 不粘 PTFE is resistant to low & high temperature, corrosion, ageing, with non-sticky surface
增强结构 Reinforcement Layer	一层高强304&316钢丝编织 One layer of high tensile stainless steel 304 / 316 wire braided
工作温度 Working Temperature	内管耐温-65℃~260℃ -65℃~260℃ (-85℉~500℉)
输送介质 Transfer Medium	高温油, 高温水, 高温蒸汽, 强酸, 强碱, 石油, 柴油, 汽油, 化工, 食品, 医药, 胶水等各种流体 High temp oil, high temp water, steam, strong acid, strong alkali, petroleum, diesel, gasoline, chemical, food, medicine, glue & other fluids
外包/编织层 Outer Cover	涤纶, 芳纶, 玻璃纤维, 尼龙, 硅胶, PVC, PU, EPDM Polyester, Aramid fiber, glass fiber, Nylon, Silicone, PVC, PU, EPDM
外层颜色 Cover Color	红, 黑, 蓝, 灰, 白, 绿, 黄, 红透, 蓝透, 黑透, 紫透, 绿透 Red, black, blue, gray, white, green, yellow, clear-red, clear-blue, clear-black, clear-purple, clear-green
包装类型 Package Types	卷, 卷轴, 纸箱, 托盘, 木箱 Roll, Reel, Carton, Pallet, Wooden Case
产品认证 Certification	ISO9001:2015 RoHS Directive (EU) 2015/863 US FDA 21 CFR 177.1550 EU GHS SDS ISO/TS 16949
导电系数 Conductivity	10 ⁶

No. 编号													
	内径 I.D.		外径 O.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.		弯曲半径 MIN.B.R.		套筒规格
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)	Collar Spec.
ZXBW301-08	3/8"	10	0.551	13.5	0.055	1.4	1740	90	5220	360	0.984	25	ZX710-06
ZXBW301-10	1/2"	13	0.654	16.6	0.063	1.6	1610	83	4829	333	1.102	28	ZX710-08
ZXBW301-12	5/8"	16	0.807	20.5	0.071	1.8	1450	75	4350	300	1.969	50	ZX710-10
ZXBW301-14	3/4"	19	0.949	23.7	0.079	2	1431	74	4292	296	2.480	63	ZX710-12
ZXBW301-18	1"	25.4	1.213	30.8	0.079	2	1141	59	3422	236	3.543	90	ZX710-14
ZXBW301-22	1-1/4"	32	1.457	37	0.079	2	725	38	2175	150	5.906	150	ZX710-16



ZXPTFE 裸管
PTFE Smooth Bore Tube



ZXPTFE-B 防静电裸管
Conductive PTFE Smooth Bore Tube



内管特性
Core Properties

聚四氟乙烯(P.T.F.E)耐高低温, 耐腐蚀, 抗老化, 不粘
PTFE is resistant to low & high temperature, corrosion, ageing, with non-sticky surface

工作温度
Working Temperature

内管耐温-65℃~260℃
-65℃~260℃ (-85°F~500°F)

输送介质
Transfer Medium

强酸, 强碱, 石油, 柴油, 汽油, 化工, 食品, 医药, 胶水等各种流体
Strong acid, strong alkali, petroleum, diesel, gasoline, chemical, food, medicine, glue & other fluids

管材颜色
Tube Color

红色, 黑色, 蓝色, 乳白色, 半透明等
Red, black, blue, natural white, translucent and etc.

包装类型
Package Types

卷, 卷轴, 纸箱, 托盘, 木箱
Roll, Reel, Carton, Pallet, Wooden Case

导电系数
Conductivity

10⁶

产品认证
Certification

ISO9001:2015 | RoHS Directive (EU) 2015/863 | US FDA 21 CFR 177.1550 | EU GHS SDS | ISO/TS 16949

铁氟龙裸管公制表 PTFE Smooth Bore Tube Metric Range

编号 No.	规格 SPEC.	外径 O.D.		内径 I.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.	
		(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(psi)	(bar)	(psi)	(bar)
1	1"3	3	0.118	1	0.039	1	0.039	148	10.2	444	30.6
2	2"4	4	0.157	2	0.079	1	0.039	148	10.2	444	30.6
3	2.5"4	4	0.157	2.5	0.098	0.75	0.030	148	10.2	444	30.6
4	3"4	4	0.157	3	0.118	0.5	0.020	148	10.2	444	30.6
5	3"5	5	0.197	3	0.118	1	0.039	148	10.2	444	30.6
6	3.2"5.2	5.2	0.205	3.2	0.126	1	0.039	148	10.2	444	30.6
7	3.5"5.5	5.5	0.217	3.5	0.138	1	0.039	148	10.2	444	30.6
8	4"6	6	0.236	4	0.157	1	0.039	148	10.2	444	30.6
9	4.5"5.5	5.5	0.217	4.5	0.177	0.5	0.020	148	10.2	444	30.6
10	5"7	7	0.276	5	0.197	1	0.039	148	10.2	444	30.6
11	6"8	8	0.315	6	0.236	1	0.039	148	10.2	444	30.6
12	6"9	9	0.354	6	0.236	1.5	0.059	148	10.2	444	30.6
13	6.5"7.5	7.5	0.295	6.5	0.256	0.5	0.020	148	10.2	444	30.6
14	8"10	10	0.394	8	0.315	1	0.039	148	10.2	444	30.6
15	10"12	12	0.472	10	0.394	1	0.039	118	8.16	370	25.5
16	10"12.5	12.5	0.492	10	0.394	1.25	0.049	118	8.16	370	25.5
17	12"14	14	0.551	12	0.472	1	0.039	118	8.16	370	25.5
18	13"15	15	0.591	13	0.512	1	0.039	118	8.16	370	25.5
19	14"16	16	0.630	14	0.551	1	0.039	118	8.16	370	25.5
20	16"18	18	0.709	16	0.630	1	0.039	118	8.16	370	25.5
21	16"19	19	0.748	16	0.630	1.5	0.059	118	8.16	370	25.5
22	19"22	22	0.866	19	0.748	1.5	0.059	74	5.1	296	20.4
23	20"24	24	0.945	20	0.787	2	0.079	74	5.1	296	20.4
24	25"28	28	1.102	25	0.984	1.5	0.059	74	5.1	296	20.4
25	25"29	29	1.142	25	0.984	2	0.079	74	5.1	296	20.4
26	32"36	36	1.417	32	1.260	2	0.079	29	2	145	10
27	38"42	42	1.654	38	1.496	2	0.079	29	2	145	10
28	48"52	54	2.126	50	1.969	2	0.079	29	2	145	10

铁氟龙裸管英制表 PTFE Smooth Bore Tube Imperial Range

编号 No.	规格 SPEC.	外径 O.D.		内径 I.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.	
		(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(psi)	(bar)	(psi)	(bar)
1	1/8" * 1/16"	3.17	0.125	1.58	0.062	0.8	0.031	218	15	725	50
2	3/16" * 1/8"	4.76	0.187	3.17	0.125	0.8	0.031	174	12	638	44
3	1/4" * 3/16"	6.35	0.250	4.76	0.187	0.8	0.031	131	9	464	32
4	5/16" * 1/4"	7.93	0.312	6.35	0.250	0.8	0.031	102	7	363	25
5	3/8" * 1/4"	9.52	0.375	6.35	0.250	1.5	0.059	174	12	638	44
6	3/8" * 5/16"	9.52	0.375	7.93	0.312	0.8	0.031	87	6	319	22
7	1/2" * 3/8"	12.7	0.500	9.6	0.378	1.5	0.059	131	9	464	32
8	5/8" * 1/2"	15.87	0.625	12.7	0.500	1.5	0.059	102	7	363	25
9	3/4" * 5/8"	19.05	0.750	15.87	0.625	1.5	0.059	87	6	319	22



ZXFEF 裸管
FEP Smooth Bore Tube



ZXPFA 裸管
PFA Smooth Bore Tube



内管特性
Core Properties

聚全氟乙丙烯(F.E.P), 可溶性聚四氟乙烯(P.F.A.)耐高低温, 耐腐蚀, 抗老化, 不沾
FEP & PFA is resistant to low & high temperature, corrosion, ageing, with non-sticky surface

工作温度
Working Temperature

内管耐温-85℃~180℃
-85℃~180℃ (-121°F~356°F)

包装类型
Package Types

卷, 卷轴, 纸箱, 托盘, 木箱
Roll, Reel, Carton, Pallet, Wooden Case

管材颜色
Tube Color

黑色, 透明
Black, transparent

输送介质
Transfer Medium

强酸, 强碱, 石油, 柴油, 汽油, 化工, 食品, 医药, 胶水等各种流体
Strong acid, strong alkali, petroleum, diesel, gasoline, chemical, food, medicine, glue & other fluids

产品认证
Certification

ISO9001:2015 | RoHS Directive (EU) 2015/863 | US FDA 21 CFR 177.1550 | EU GHS SDS | ISO/TS 16949

FEP/PFA裸管公制表 FEP/PFA Smooth Bore Tube Metric Range

编号 No.	规格 SPEC.	外径 O.D.		内径 I.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.	
		(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(psi)	(bar)	(psi)	(bar)
1	1"3	3	0.118	1	0.039	1	0.039	148	10.2	444	30.6
2	2"4	4	0.157	2	0.079	1	0.039	148	10.2	444	30.6
3	2.5"4	4	0.157	2.5	0.098	0.75	0.030	148	10.2	444	30.6
4	3"4	4	0.157	3	0.118	0.5	0.020	148	10.2	444	30.6
5	3"5	5	0.197	3	0.118	1	0.039	148	10.2	444	30.6
6	3.2"5.2	5.2	0.205	3.2	0.126	1	0.039	148	10.2	444	30.6
7	3.5"5.5	5.5	0.217	3.5	0.138	1	0.039	148	10.2	444	30.6
8	4"6	6	0.236	4	0.157	1	0.039	148	10.2	444	30.6
9	4.5"5.5	5.5	0.217	4.5	0.177	0.5	0.020	148	10.2	444	30.6
10	5"7	7	0.276	5	0.197	1	0.039	148	10.2	444	30.6
11	6"8	8	0.315	6	0.236	1	0.039	148	10.2	444	30.6
12	6"9	9	0.354	6	0.236	1.5	0.059	148	10.2	444	30.6
13	6.5"7.5	7.5	0.295	6.5	0.256	0.5	0.020	148	10.2	444	30.6
14	8"10	10	0.394	8	0.315	1	0.039	148	10.2	444	30.6
15	10"12	12	0.472	10	0.394	1	0.039	118	8.16	370	25.5
16	10"12.5	12.5	0.492	10	0.394	1.25	0.049	118	8.16	370	25.5
17	12"14	14	0.551	12	0.472	1	0.039	118	8.16	370	25.5
18	13"15	15	0.591	13	0.512	1	0.039	118	8.16	370	25.5
19	14"16	16	0.630	14	0.551	1	0.039	118	8.16	370	25.5
20	16"18	18	0.709	16	0.630	1	0.039	118	8.16	370	25.5
21	16"19	19	0.748	16	0.630	1.5	0.059	118	8.16	370	25.5
22	19"22	22	0.866	19	0.748	1.5	0.059	74	5.1	296	20.4
23	20"24	24	0.945	20	0.787	2	0.079	74	5.1	296	20.4
24	25"28	28	1.102	25	0.984	1.5	0.059	74	5.1	296	20.4
25	25"29	29	1.142	25	0.984	2	0.079	74	5.1	296	20.4
26	32"36	36	1.417	32	1.260	2	0.079	29	2	145	10
27	38"42	42	1.654	38	1.496	2	0.079	29	2	145	10
28	48"52	54	2.126	50	1.969	2	0.079	29	2	145	10

FEP/PFA裸管英制表 FEP/PFA Smooth Bore Tube Imperial Range

编号 No.	规格 SPEC.	外径 O.D.		内径 I.D.		内管壁厚 W.T.		工作压力 W.P.		爆破压力 B.P.	
		(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(psi)	(bar)	(psi)	(bar)
1	1/8" * 1/16"	3.17	0.125	1.58	0.062	0.8	0.031	218	15	725	50
2	3/16" * 1/8"	4.76	0.187	3.17	0.125	0.8	0.031	174	12	638	44
3	1/4" * 3/16"	6.35	0.250	4.76	0.187	0.8	0.031	131	9	464	32
4	5/16" * 1/4"	7.93	0.312	6.35	0.250	0.8	0.031	102	7	363	25
5	3/8" * 1/4"	9.52	0.375	6.35	0.250	1.5	0.059	174	12	638	44
6	3/8" * 5/16"	9.52	0.375	7.93	0.312	0.8	0.031	87	6	319	22
7	1/2" * 3/8"	12.7	0.500	9.6	0.378	1.5	0.059	131	9	464	32
8	5/8" * 1/2"	15.87	0.625	12.7	0.500	1.5	0.059	102	7	363	25
9	3/4" * 5/8"	19.05	0.750	15.87	0.625	1.5	0.059	87	6	319	22



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