

FIRE SLEEVE



Introduction:

- Heat resistant Cable Sleeve
- Cable or wire heat resistant
- Electric Insulation
- Glass Fiber Sleeve with Silicone Rubber Coating
- Perfect For Insulating Wires, Oil & Fuel Lines
- Protects Against Dirt and Road Grime
- Withstands Up To 1650°C Ambient Heat
- Withstands 260°C Of Direct Continuous Heat



Description:

Item No.	ZEAL-A-A Fire sleeve
Dimensions	Inner diameter 6~200 mm Thickness 3~5mm Roll length: 10m /20m /25m /30m
Features	1.Cable and wire protection, heat resistant, Oil & water resistant 2.Can be shaped to fit the tightest bends 3.Includes fire tape to seal sleeve ends 4.Glass fiber sleeve with silicone rubber coating 5.Perfect for insulating wires, cables, oil & fuel lines. Protects against dirt and road grime, Withstands up to 1650°C ambient heat, Withstands 260°C of direct continuous heat.
Production	Heat resistant; Insulated fireproof; Resistance to voltage; Thermal protection; Anti-corrosion and flexibility
Packing	10m /20m /25m /30m meters per roll per PE bag; Packing size: 47x47x10cm; 47x47x15cm;50x50x20cm
MOQ	1 Roll
Application	Main application to the steel smelting, nonferrous metal smelting, power plant, shipyard etc the high te mperature areas that need to be protective of cable, hose and pipes.
Payment	
Color	Red, Blue, Black, White, Gray, Yellow, Silver or customized
Flame retardant	VW-1
Approval	UL/SGS/ROHS etc.

Specification:

Fire Sleeve Datasheet			
Part. No.	Inside dia.(mm)	Inside dia.(inch)	roll length (m)
ZEAL-A-A	Φ6	1/4	50/30/25
ZEAL-A-A	Φ8	5/16	50/30/25
ZEAL-A-A	Φ10	3/8	50/30/25
ZEAL-A-A	Φ11	7/16	50/30/25
ZEAL-A-A	Φ13	1/2	50/30/25



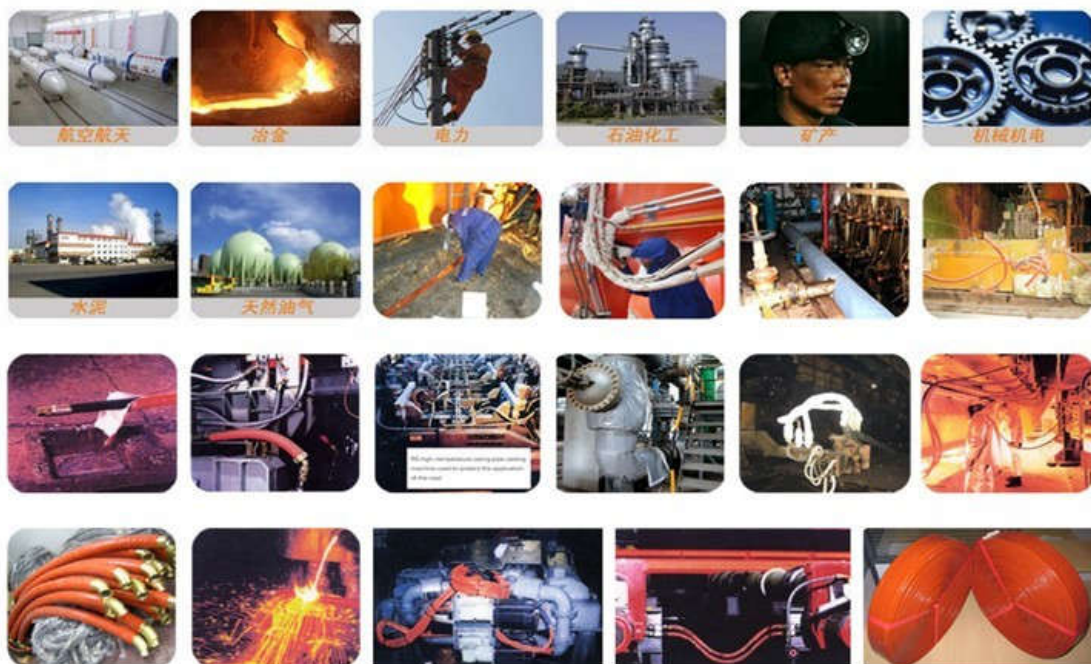
ZEAL-A-A	Φ16	5/8	50/30/25
ZEAL-A-A	Φ19	3/4	50/30/25
ZEAL-A-A	Φ22	1/8	50/30/25
ZEAL-A-A	Φ25	1	50/30/25
ZEAL-A-A	Φ30	1 1/8	30/25
ZEAL-A-A	Φ32	1 1/4	30/25
ZEAL-A-A	Φ35	1 3/8	30/25
ZEAL-A-A	Φ38	1 1/2	30/25
ZEAL-A-A	Φ40	1 3/5	30/25
ZEAL-A-A	Φ41	1 5/8	30/25
ZEAL-A-A	Φ45	1 3/4	30/25
ZEAL-A-A	Φ48	1 7/8	30/25
ZEAL-A-A	Φ51	2	30/25
ZEAL-A-A	Φ55	2 1/5	30/25
ZEAL-A-A	Φ57	2 1/4	30/25
ZEAL-A-A	Φ60	2 3/8	20
ZEAL-A-A	Φ64	2 1/2	20
ZEAL-A-A	Φ65	2 3/5	20
ZEAL-A-A	Φ70	2 3/4	20
ZEAL-A-A	Φ76	3	20
ZEAL-A-A	Φ80	3 1/5	20
ZEAL-A-A	Φ83	3 1/4	20
ZEAL-A-A	Φ85	3 3/8	20
ZEAL-A-A	Φ89	3 1/2	20/15/10
ZEAL-A-A	Φ90	3 9/16	20/15/10
ZEAL-A-A	Φ95	3 3/4	20/15/10
ZEAL-A-A	Φ102	4	10
ZEAL-A-A	Φ110	4 1/3	10
ZEAL-A-A	Φ114	4 1/2	10
ZEAL-A-A	Φ120	4 4/5	10
ZEAL-A-A	Φ127	5	10
ZEAL-A-A	Φ130	5 1/8	10
ZEAL-A-A	Φ135	5 1/4	10
ZEAL-A-A	Φ140	5 1/2	10
ZEAL-A-A	Φ150	6	10
ZEAL-A-A	Φ160	6 3/8	10
ZEAL-A-A	Φ170	6 3/4	10
ZEAL-A-A	Φ180	7 1/8	10
ZEAL-A-A	Φ190	7 1/2	10
ZEAL-A-A	Φ200	8	10



Technique Data:

Fire sleeve	
CHARACTERISTIC	ZEAL-A-A
Material	Non-alkali fiberglass inside layer, Silicone resin outside layer
Oil-anti	Soak 200 hours in SKYDROL500 and mil-I-6082 remained the same
Wear-resisting performance	With fine emery cloth mop to 2.7KG cyclic pressure friction 10000 times
Metal splash	After Slag splashing 15 seconds, the outer silicone resin has no obvious burns without significant burns
%) L.O.I%	<0.2
Heat contractibility	1%
Capability of insulation (kv/mm)	16
Density of heat flux	116kw/m ²
Thermal conductivity (w/m)	0.13
Grade of flame resist	The United States general CS-191 standards, 5 seconds out without burning. Emphasize permanent fireproof function
Thread count	Longitude 45 per inch
	Latitude 33 per inch
(N/5 cm) Tensile strength	Longitude≥2200
	Latitude≥1700
(°C) Service temperature	Fiberglass 560 °C (Long term heat resistant)
	Outside silicone 260 °C (Long term heat resistant), 1650 °C(Instantaneous heat resistant)

Application:



The special high temperature resistant materials determines that the fire sleeve has many characteristics that are difficult to replace by other similar materials: high temperature resistance, thermal insulation, flame retardant, electrical insulation, chemical stability, weather aging resistance, cold resistance, water resistance, oil resistance, ozone resistance, voltage resistance, arc resistance, corona resistance, especially safety and environmental protection performance, It is the best substitute for asbestos and other hazardous products.



The application fields cover the following industries

- 1, Smelting and casting industry
- 2, Coking plant
- 3, Machinery manufacturing
- 4, Aerospace
- 5, Furnace manufacturing (e.g.medium frequency furnace, electric furnace, converter)
- 6, Rail transit
- 7, Power plant
- 8, Chemical plant
- 9, High pressure oil pipe
- 10, Power cable

In the high-temperature field of any industry, you can choose our fire sleeve and apply it to various cables, hoses, pipeline equipment, so as to play a good protective role.

Packing Information:

Inside dia.(mm)	Inside dia.(inch)	wall thickness (mm)	Tolerance (mm)	roll length (m)	ctn size (cm)	No./ctn (m)	G.W. (kg)
Φ6	1/4	1.5	±0.15	50	47*47*10	100	7.2
Φ8	5/16	1.5	±0.15	50	47*47*10	100	8.5
Φ10	3/8	2	±0.20	25	47*47*10	100	11.5
Φ13	1/2	2	±0.20	25	47*47*10	100	12
Φ16	5/8	2	±0.20	25	47*47*14	100	18
Φ20	3/4	2	±0.20	25	47*47*17	100	26
Φ22	7/8	2	±0.20	25	48*48*17	100	27
Φ25	1	2	±0.30	25	50*50*19	100	32.5
Φ30	1 1/8	2	±0.30	25	47*47*10	50	20
Φ32	1 1/4	2	±0.30	25	47*47*10	50	22
Φ35	1 3/8	3	±0.30	25	47*47*15	50	24.5
Φ38	1 1/2	3	±0.30	25	47*47*15	50	26
Φ40	1 3/5	3	±0.30	25	47*47*17	50	28
Φ41	1 5/8	3	±0.30	25	47*47*17	50	28
Φ45	1 3/4	3	±0.30	25	47*47*17	50	34.3
Φ48	1 7/8	3	±0.30	25	48*48*17	50	35
Φ51	2	3	±0.35	25	50*50*20	50	39
Φ55	2 1/5	3.5	±0.35	25	52*52*20	50	41
Φ57	2 1/4	3.5	±0.35	25	52*52*20	50	41.5
Φ60	2 3/8	3.5	±0.35	20	52*52*20	20	20.2
Φ64	2 1/2	3.5	±0.35	20	52*52*20	20	21.5
Φ65	2 3/5	3.5	±0.35	20	52*52*20	20	21.8
Φ70	2 3/4	3.5	±0.40	20	52*52*20	20	23.5



Φ76	3	4	±0.40	20	52*52*20	20	25.8
Φ80	3 1/5	4	±0.40	20	52*52*20	20	28
Φ83	3 1/4	4	±0.40	20	52*52*20	20	28.5
Φ85	3 3/8	4	±0.40	20	52*52*20	20	30.5
Φ89	3 1/2	4	±0.50	20	52*52*20	20	32.2
Φ90	3 9/16	4	±0.50	20	52*52*20	20	33
Φ95	3 3/4	4	±0.50	20	52*52*20	20	34
Φ102	4	5	±0.50	10	52*52*20	10	18.5
Φ110	4 1/3	5	±0.50	10	54*54*20	10	20
Φ114	4 1/2	5	±0.50	10	54*54*20	10	22
Φ120	4 4/5	5	±0.50	10	54*54*20	10	24
Φ127	5	5	±0.60	10	54*54*20	10	26.8
Φ135	5 1/3	6	±0.62	10	54*54*20	10	28
Φ140	5 1/2	6.2	±0.62	10	54*54*20	10	30
Φ152	6	6.3	±0.62	10	54*54*20	10	34
Φ160	6 1/3	6.5	±0.65	10	54*54*20	10	35
Φ170	6 5/8	6.7	±0.65	10	54*54*20	10	36
Φ180	7	7	±0.65	10	54*54*20	10	38
Φ190	7 1/2	7.2	±0.68	10	54*54*20	10	39.5
Φ200	8	7.5	±0.68	10	54*54*20	10	40

Certificates:

Hebei Zeal New Material Technology Co., Ltd. has obtained a number of field certifications, including public certification Company quality management system certification ISO and factory field certification SGS, fire and flame retardant certification UL and SL219023130701TX_ ISO 6940 fabric burning test, rail transit Certification EN45545-2 and human pollution-free certification RoHS and REACH certification etc.





Hebei Zeal New Material Technology Co., Ltd
 Tel: 0312-3613229
 Fax: 0312-3613229
 Website: www.hbzeal.com



Report Number: QIP-ASR176206

Audit Date : 16 Sep. 2017

This report is issued by Focus Technology Co., Ltd. (Made-in-China.com) and the supervising inspectorate (SGS-CSTC Standards Technical Services Co., Ltd.) to confirm that:

Company Name : Hebei Zeal Fiberglass Materials Co., Ltd.
 河北威尔玻璃纤维制品有限公司
Showroom : <http://zealseeve.en.made-in-china.com>
Address : Dongshagou Industrial Park, Zhuozhou, Baoding, Hebei, China
Product : Fire Sleeve, Fire Tape, Reflective Sleeve, Reflective Tape, High Silica Sleeve, High Silica Tape, High Silica Cloth, Fiber Glass Tape, Fiber Glass Sleeve, Fiber Glass Cloth, Basalt Sleeve, Ceramic Fiber Sleeve, Silicone Tape

has been on site audited for the Following Scope of Activity

1. General Information
2. Foreign Trade Capacity
3. Product Research & Development Capacity
4. Management System and Product Certification
5. Production Capacity & Quality Control
6. Working Environment
7. Photos



General Comments:

Hebei Zeal Fiberglass Materials Co., Ltd. is a manufacturer with 26 employees, it was established in 2014, located in Dongshagou Industrial Park, Zhuozhou, Baoding, Hebei, China. The workshops occupy an area of 1,100 square meters. They have obtained RoHS certificate. Hebei Zeal Fiberglass Materials Co., Ltd. has successful foreign trading experience in Mideast, South America and Europe.

Sign for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd



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 中国 北京 朝阳区东三环北路27号新奥中心B座16层 邮编: 215016 (86-21) 670888 (86-21) 63427777 cs.china@sgs.com

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VW-1 测试报告

测试日期: 2011-8-31

样品 Sample:	河北慈尔玻璃纤维制品有限公司		
材料 Material:	玻璃纤维编织硅胶套管	颜色 Color:	red
室温 Ambient Temp.:	28.2℃	湿度 Humidity:	56%
方法: UL 224, Sec. 5.11 Optional VW-1(vertical wire) flame test/ASTM D 2671 METHOD C(modified) METHOD: UL 224, Sec. 5.11 UL 224, Sec. 5.11 Optional VW-1(vertical wire) flame test/ASTM D 2671 METHOD C(modified)			
采用套管的最高燃烧等级: VW-1燃烧测试 要求: 施加15s火焰5次; Requirement: Flame applied to specimen for five 15-s applications. 每次施加火焰后, 棉层不应被点燃, 样品不应持续燃烧超过60s, 指示旗烧焦部分不得超过25%。 There shall be no ignition of cotton, specimen shall not continue to flame longer than 60 sec after each flame application, and no more than 25% of the indicator flag shall be consumed			
样品 Specimen:	#1	#2	#3
余焰持续时间 Duration of specimen flaming after:			
第一次施加火焰后 1st flame application (sec)	0	0	0
第二次施加火焰后 2nd flame application (sec)	0	0	0
第三次施加火焰后 3rd flame application (sec)	0	0	0
第四次施加火焰后 4th flame application (sec)	0	0	0
第五次施加火焰后 5th flame application (sec)	0	0	0
指示旗烧焦百分比 Percent of indicator flag charred or burned away	0%	0%	0%
是否有燃烧颗粒滴落 Dripping of Flaming Particles?	no	no	no
棉层是否被点燃 Cotton ignition?	no	no	no
判定 Result	PASS		

Checked by: 马青立

Tested by: 李益



优尔国际华南分公司 (深圳) 地址: 深圳市宝安区沙井镇帝堂路蓝天科技园 A4 栋优尔国际大厦 1 楼
 优尔国际华南检测实验室 (深圳) 地址: 深圳市宝安区沙井镇帝堂路蓝天科技园 A4 栋优尔国际大厦 2-3 楼
 优尔国际华东分公司 (苏州) 地址: 苏州市新区狮山路 75 号狮山峰汇大厦
 Tel: + (86) 755 33923039 Fax: + (86) 755 33923010 Website: www.UL163.com



Vkan Certification & Testing Co., Ltd.

Certificate of Compliance

No. RoHS14-1871Z

About the EU Directive 2011/65/EU of the European Parliament
and of the Council of 8 June 2011 on the Restriction of the Use
of Certain Hazardous Substances in Electrical and Electronic Equipment

<i>Applicant:</i>	Hebei Zeal Fiberglass Materials Co., Ltd. East of Dama Village, Zhuozhou City, Hebei Province, Baoding, Hebei, China
<i>Product/Material:</i>	Fiber glass sleeve
<i>Trade Mark:</i>	Zeal sleeve
<i>Model/Type:</i>	ø25
<i>Serial Number:</i>	—
<i>Rated Specification:</i>	—
<i>Tested According to:</i>	IEC 62321:2008
<i>Referred to the Technical Report:</i>	RZRS2014-0049Z

This certificate of conformity is based on an evaluation of a tested sample of the product mentioned above. It does not imply assessment of series-production of the product. The applicant should hold the whole technical report at the disposal of the competent authority.



Vkan Certification & Testing Co., Ltd.
No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, 510663, P.R. China
Tel.: +86-20-32293888, Fax: +86-20-32293889. E-mail: office@cvc.org.cn
www.cvc.org.cn

Signed by:

Jie Ganxin
Vice Director of CVC
Date of Issue: Dec. 31, 2014

LTC-C-0019-RoHS-G0



Page 1 of 3 pages

TEST REPORT

No.: RZRS2014-0049Z

Client : Hebei Zeal Fiberglass Materials Co., Ltd.
 : Address: East of Dama Village, Zhuozhou City, Hebei Province, Baoding,
 : Hebei, China

Receiving Date : December 15, 2014 Completing Date : December 26, 2014

Test Sample : Fiber glass sleeve Type/Model : $\varnothing 25$

Sample Description : Trademark: Zeal sleeve

Test Items : The content of Lead, Cadmium, Mercury, Hexavalent Chromium, PBB, PBDE

Test According : IEC 62321: 2008

Test Instrument : X-ray fluorescence spectrometer (XRF)

Test Conclusion : As requested by the client, the test items are performed per IEC 62321:2008,
 the results data of the tested items comply with the limited value in directive
 2011/65/EU.

Zeng Nuanxi Xiao Li

Tested by: *Zeng Nuanxi* Reviewed by: *Xiao Li* Approved by: *Chen Hongjuan*

Date of issue: December 30, 2014
 (Seal)



威凯检测技术有限公司
Vkan Certification & Testing Co., Ltd.



中国认可
检测
TESTING
CNAS L7218

编号: /

国家轨道交通高分子材料及制品质量监督检验中心（湖南）
National Inspection Center of Polymeric Materials and Products for Railways (Hunan)

检验报告

Test Report
(No: W20210161)

样品名称 Description of Sample	防火套管 Zeal (带硅胶自黏带)
受检单位 Inspection Unit	/
生产单位 Manufacturer	河北兹尔新材料科技有限公司
委托单位 Entrust Organization	河北兹尔新材料科技有限公司
检验类别 Test Category	委托检验



检测报告

报告编号 (No.): STD-20200601-030N-1

CX-29-JL03 D/4

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委托单位	河北兹尔玻璃纤维制品有限公司		
委托地址	河北省涿州市东沙沟村南		
联系人	徐英		
样品名称	防火套管	样品编号	20200601-531001
型号/批号	--	样品数量	1pcs
生产企业	--	其他信息	--
以上信息由委托单位提供, 并对其真实性负责			
样品接收日期	2020/06/02	样品状态描述	完好无损
检测起止日期	2020/06/02-2020/06/09	检测类别	委托检测
检测项目	REACH 205 项		
检测依据	REACH 法规 1907/2006/EC		
检测结论	依据委托方要求共检 205 项, REACH 205 项均为实测值, 检测结果见第 2~15 页检测结果汇总。 检测专用章 签发日期: 2020/06/10		
备注	--		

编制:

石学燕

审核:

张淑芹

批准:

朱子涛





Market Alalysis:

At present, the largest market of products is mainly concentrated in Russia, Southeast Asia, Iran, Australia, South America, India and other countries.

The biggest competitor in the world is ADL. This company is the biggest competitor in this industry and has a strong influence in the international market.

It is inevitable to encounter this opponent in the process of developing the national market. Once we meet, our chances of winning are great.

First of all, our products can compete with this opponent in terms of performance and quality. And our price is better. The advantages are obvious. If the customer has any objection to the product, we can provide samples to the customer for testing free of charge, and the sample fee we can afford it. Many customers will ask about the wall thickness. The wall thickness is 3-5mm in the conventional small specification and 5-6mm in the large specification. It is thickened by 1-2mm, but the price will be high. In terms of color, we generally call it rust red, black and blue, which can be customized, but the delivery time should be longer, and the MOQ should be about 300 meters. There are obvious bumps on the surface of ADL products, which are abrupt and uneven, In China, the surface is generally smooth, which is a process difference and has no impact on the use of products. Generally, The inside of ADL is relatively white, which is expanded yarn, but the quality is far better than that of domestic expanded yarn. There are two processes: knitting and braiding. Our products are high-quality alkali free glass fiber and composite yarn. Usually white. Sometimes it turns yellow. This has no effect. It is because the yarn is affected by temperature during vulcanization.



Product pictures:

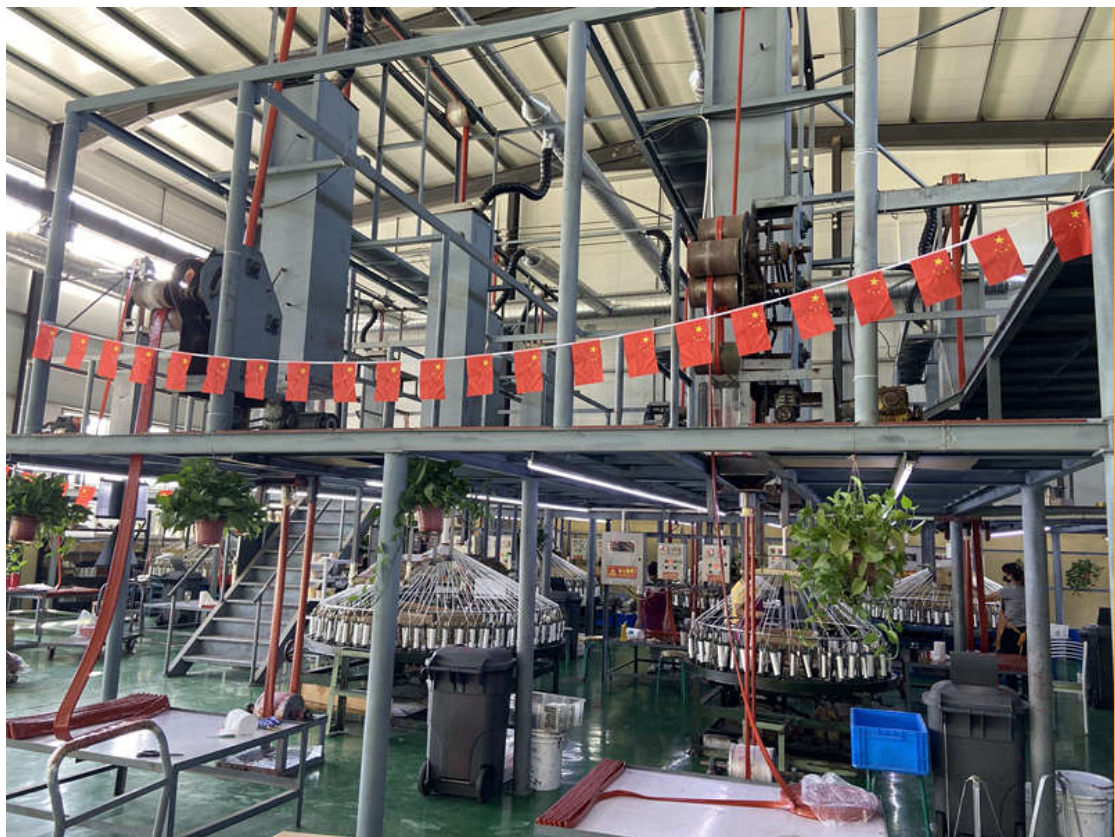
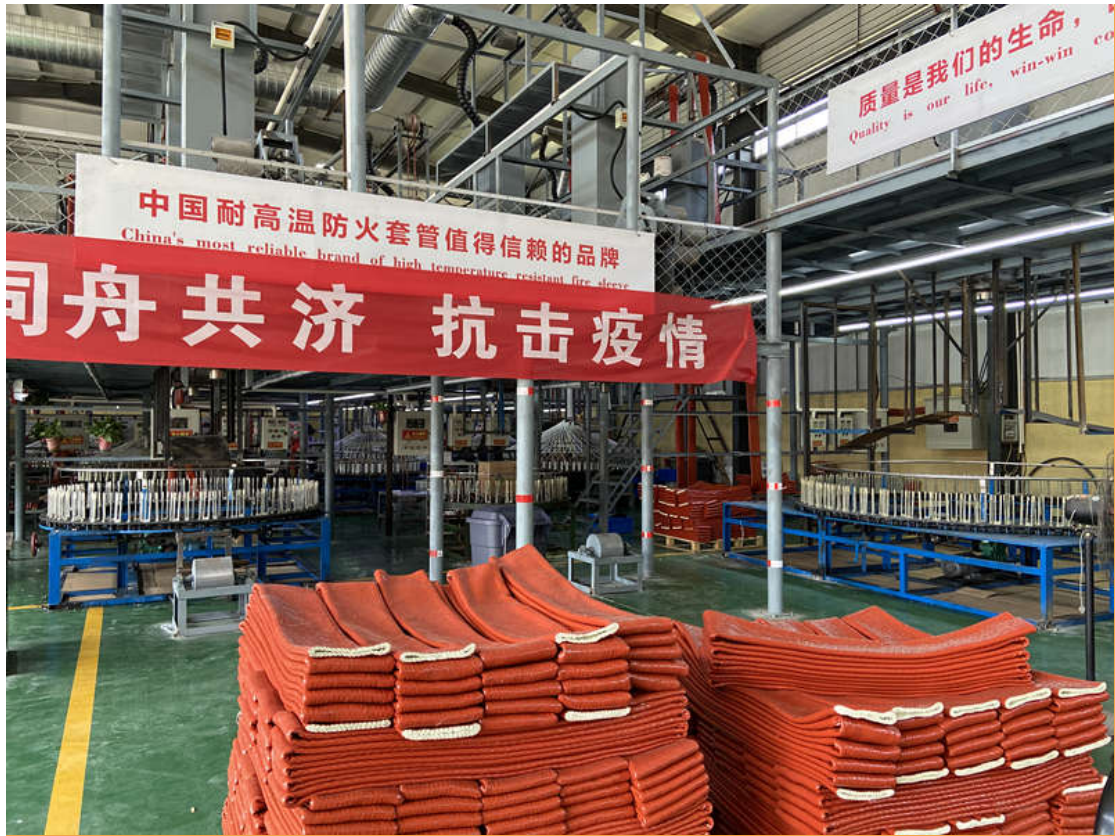






Manufacturer pictures:







Contact Information :

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