

军标级耐温200 氟橡胶热缩管

产品名称	军标级耐温200 氟橡胶热缩管
公司名称	广东益联电子科技有限公司
价格	.00/个
规格参数	
公司地址	东升镇胜龙村祥胜路一巷28号
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产品详情

V200 军标级耐温200 氟橡胶热缩管

应用

由辐照交联优质氟橡胶制成，适用于需要耐高温、耐油、耐化学溶剂的环境，具有优异的耐高温、耐化学腐蚀和耐溶剂性能，防止线束、线缆或被覆元器件在高温或特别苛刻的环境中免受损伤。

特性

- v 收缩比：2:1
- v 耐温200，优异的耐高低温性能
- v 优异的耐磨、耐溶剂及耐化学腐蚀性能
- v 很柔软、优异的阻燃性
- v 符合ROHS、REACH等环保规范

颜色

- v 标准颜色：黑色

操作温度范围

- v 连续使用温度范围：-65 ~ 200
- v 最低起始收缩温度：150

v 最低完全收缩温度：175

符合标准

v SAE AMS-DTL-23053/13

性能指标

性能

指标要求

测试方法

典型值

纵向收缩率

10%

ASTM D 2671

5%

抗张强度

8.2MPa min

ASTM D 638

12MPa

断裂伸长率

250% min

400%

老化后断裂伸长率(250 ,168小时)

200% min

300%

热冲击

(300 , 4小时)

无裂纹

低温柔软性

(-55 , 4小时)

绝缘耐压和击穿

2500V,60sec,不击穿

通过

击穿强度

7.9 KV/mm min

12KV/mm

体积电阻率

10⁹Ω·cm min

ASTM D 876

10⁹Ω·cm

腐蚀性

无腐蚀

阻燃性

15分钟内自熄

通过

耐液性 (23 , 24hrs)

8.2MPa min

ASTM D 638

12MPa

规格尺寸

规格

收缩前 (mm)

收缩后 (mm)

标准包装

(m/卷)

英制

公制

内径 (min)

内径 (max)

壁厚

3/32

2.4

2.4

1.2

0.51+0.08

200

1/8

3.2

3.2

1.6

0.76+0.13

100

3/16

4.8

4.8

0.89+0.18

50

1/4

6.4

6.4

0.89+0.18

3/8

9.5

9.5

50

1/2

12.7

12.7

3/4

19.1

19.1

1.07+0.21

30

1

25.4

25.4

1.25+0.30

11/2

38.1

38.1

1.40+0.38

2

50.8

50.8

1.65+0.43

30

其他规格尺寸可定制

V200 200 High Temperature Resistance Fluororubber Tubing

Application

Made from a cross-linked fluoroelastomer compound with superior impact, abrasion and cut through resistance. Especially used for applications requiring high resistance to corrosive fluids, fuels, lubricants, acids and solvents to prevent wire harnesses, cables and appliances at elevated temperatures.

Characteristics

v Shrink ratio: 2:1

v High temperature resistant up to 200 , excellent high and low temperature resistance

v Excellent abrasion resistance and resistance to oil, diesel and hydraulic fluids.

v Very flexible, highly flame-retardant

v ROHS and REACH compliant

Color

v Color Standard color: Black

Operating Temperature Range

v Operating temperature: -65 ~ 200

v Minimum shrink temperature: 150

v Minimum fully recovery temperature: 175

Approvals

v SAE AMS-DTL-23053/13

Property

Property

Requirement

Test method

Typical data

Longitudinal shrinkage

10%

ASTM D 2671

5%

Tensile strength

8.2MPa min

ASTM D 638

12MPa

Elongation at break

250% min

400%

Elongation after aging

(250 , 168hrs)

200% min

300%

Heat shock

(300 , 4hrs)

No crack

Low-temperature flexibility (-55 , 4hrs)

No crack

ASTM D 2671

Dielectric voltage withstand

2500V,60sec,no breakdown

Pass

Dielectric strength

7.9 KV/mm min

12KV/mm

Volume resistivity

10⁹Ω·cm min

ASTM D 876

10⁹Ω·cm

Copper corrosion

No corrosion

Flammability

Self-extinguishing within 15s

Fluids resistance (23 °C , 24hrs)

8.2MPa min

ASTM D 638

12MPa

Sizes

Size

As supplied (mm)

After recovered(mm)

Standard packing

(m/roll)

inch

mm

Inside diameter(min)

Inside diameter max

Wall thickness

3/32

2.4

2.4

1.2

0.51+0.08

200

1/8

3.2

3.2

1.6

0.76+0.13

100

3/16

4.8

4.8

0.89+0.18

50

1/4

6.4

6.4

0.89+0.18

3/8

9.5

9.5

50

1/2

12.7

12.7

3/4

19.1

19.1

1.07+0.21

30

1

25.4

25.4

1.25+0.30

1 1/2

38.1

38.1

1.40+0.38

2

50.8

50.8

1.65+0.43

30

Other sizes are available upon request.

