

FEP 耐温200 FEP热收缩套管

产品名称	FEP 耐温200 FEP热收缩套管
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

FEP 耐温200 FEP热收缩套管

应用

由聚全氟乙丙烯（FEP）材料制成，耐高温200、耐腐蚀、高绝缘、机械强度佳等特性，具有优异的耐磨性，良好的透明度。其广泛用于电子、计算机、电热、航天、军事、通讯等重要科技工业。

特性

v 收缩比：1.25:1

v 良好的透明度

v 高阻燃

v 耐高温200

v 优异的机械性能和耐化学腐蚀性能

v 符合ROHS、REACH等环保规范

v 颜色

v 标准颜色：透明

操作温度范围

v 连续使用温度：-65 ~ 200

v 低完全收缩温度：210

符合标准

v SAE AMS-DTL-23053/11

性能指标

性能

指标要求

测试方法

典型值

纵向收缩率

5%

ASTM D 2671

3%

抗张强度

13.8MPa min

ASTM D 638

19MPa

断裂伸长率

150% min

250%

老化后抗张强度

(热老化232 , 168小时)

9.7MPa min

14MPa

老化后断裂伸长率(200 ,168小时)

100% min

热冲击

(260 , 4小时)

无裂纹

低温柔软性

(-65 , 4小时)

绝缘耐压和击穿

2500V,60sec,不击穿

通过

体积电阻率

10¹⁵cm min

ASTM D 876

10¹⁶cm

腐蚀性

无腐蚀

阻燃性

VW-1

UL224

通过

介电常数

2.1

摩擦系数

0.2-0.3

规格尺寸

规格

收缩前 (mm)

完全收缩后 (mm)

标准包装 (m/条或m/卷)

内径 (min)

内径 (max)

胶厚

2.5

2.5

2.0

0.20+0.05

100

3.5

3.5

2.8

0.25+0.05

4.7

4.7

3.8

1.0

5.5

5.5

4.5

7

7

5.6

9

9

7.5

0.30+0.05

11.5

11.5

9.3

0.35+0.05

14.5

14.5

11.7

19

19.0

15.3

24

24.0

19.3

0.50+0.10

28

28.0

22.5

35

35.0

28.1

44

44.0

36.1

54

54.0

43.3

66

66.0

52.9

78

78.0

62.5

90

90.0

72.1

103

103

82.5

120

120

105

0.60+0.10

其他规格尺寸可定制

FEP 200 Temperature Resistant FEP Heat Shrinkable Tubing

Application

FEP heat shrinkable tubing is made of FEP with excellent 200 high-temperature performance, chemical resistance, high insulation and excellent mechanical properties. FEP has excellent abrasion resistance and excellent clarity. Designed to provide insulation and mechanical protection in severe chemical and thermal environments. Widely used in electronic, aerospace, military and communication fields.

Characteristics

v Shrink ratio: 1.25:1

v Excellent clarity

- v High flame resistance
- v High temperature resistant to 200
- v Superior physical and chemical properties.
- v ROHS and REACH compliant.

Color

- v Standard color: Clear

Operating Temperature Range

- v Operating temperature: -65 ~ 200
- v Minimum fully recovery temperature: 210

Approval

- v SAE AMS-DTL-23053/11

Property

Property

Requirement

Test method

Typical data

Longitudinal shrinkage

5%

3%

Tensile strength

13.8MPa min

19MPa

Elongation at break

150% min

250%

Tensile strength after aging

(150 ,168hrs)

9.7MPa min

14MPa

Elongation after aging

100% min

Heat shock

No crack

Low-temperature flexibility (-65 ,4hrs)

Dielectric voltage withstand

2500V,60sec,no breakdown

Pass

Volume resistivity

10¹⁵cm min

10¹⁶cm

Copper corrosion

No corrosion

Flammability

VW-1

UL224

Dielectric constant

2.1

Friction coefficient

0.2-0.3

Sizes

Size

As supplied (mm)

After recovered (mm)

Standard packing (m/pc, m/roll)

Inside diameter (min)

Inside diameter (max)

Wall thickness

Other sizes are available upon request.