

TMS125 低烟无卤阻燃聚烯烃热收缩标识套管

产品名称	TMS125 低烟无卤阻燃聚烯烃热收缩标识套管
公司名称	广东益联电子科技有限公司
价格	.00/个
规格参数	
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产品详情

TMS125 低烟无卤阻燃聚烯烃热收缩标识套管

应用

低烟无卤阻燃聚烯烃热收缩标识套管是专为电线电缆标识而设计，由辐照交联低烟无卤阻燃聚烯烃材质制成，具有优异的电气性能、物理性能、化学性能和打印性能，可以方便地用标识打印直接打印，标识持久。不仅符合ROHS和REACH环保指令，而且符合IEC61249-2-21、欧盟2002/72/EC等环保标准的要求。

特性

v 收缩比：3:1，2:1

v 柔软、低烟无卤阻燃

v 可以方便打印

v 优异的打印性能，持久标识，符合SAE AS81531的打印标识要求

v 优异的电绝缘性能、物理性能和化学性能

v 符合ROHS、REACH环保规范

颜色

v 标准颜色：白色、黄色

v 其他颜色可定制

操作温度范围

v 连续使用温度范围：-55 ~ 125

v 最低起始收缩温度：70

v 最低完全收缩温度：110

符合标准

v SAE AS 81561, MIL-STD-202

v UL224 125 600V

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

10.4MPa min

ASTM D 638

12MPa

断裂伸长率

200% min

300%

老化后断裂伸长率

(热老化158 ,168小时)

100% min

200%

热冲击

无裂纹

ASTM D 2671

低温柔软性

(-55 , 4小时)

绝缘耐压和击穿

2500V,60sec,不击穿

不击穿

击穿强度

19.7 KV/mm min

ASTM D 2671

20KV/mm

体积电阻率

10¹⁴cm min

ASTM D 876

10¹⁴cm

腐蚀性

无腐蚀

阻燃性

1分钟内自熄

通过

打印性能

50次橡皮擦,可辨认

30次来回擦,可辨认

SAE SA81531

MIL-STD-202

通过

抗液体

(23 , 24小时)

打印吸识别

SAE AS81531

规格尺寸

规格

收缩前 (mm)

完全收缩后(mm)

适用线缆范围 (mm)

英制

公制

内径(min)

内径(max)

3:1

3/32

2.4

2.4

0.8

0.9~2.0

1/8

3.2

3.2

1.1

1.1~2.7

3/16

4.8

4.8

1.6

1.8~4.1

1/4

6.4

6.4

2.1

2.3~8.1

3/8

9.5

9.5

3.5~8.1

1/2

12.7

12.7

4.2

4.6~10.8

3/4

19.1

19.1

6.3

7.0~16.3

1

25.4

25.4

8.5

9.3~21.6

2:1

2.4

1.2

1.3~2.3

1.7~3.1

2.4

2.5~4.7

3.3~6.3

4.9~9.0

6.6~12.0

10.0~18.5

13.0~24.5

11/2

38.1

38.1

21.0~37.0

2

50.8

50.8

27.0~48.0

其他规格尺寸可定制

TMS125 Halogen Free Heat Shrinkable Polyolefin Identification Sleeve

Application

Special designed to meet the requirements of identification of wire and cables. It is made of halogen-free flame retardant polyolefin with excellent electrical, physical, chemical and printing properties. It can be printed by market printed with permanent identification. TMS125 meets the requirement of ROHS, REACH, IEC61249-2-21 and EU2002/72/EC standards.

Characteristics

- v Shrink ratio: 3:1, 2:1
- v Flexible, Halogen-free flame-retardant.
- v Easy to be print.
- v Excellent printing property, permanent identification, SAE AS81531 applicable.
- v Excellent electrical, physical, chemical and printing properties.
- v ROHS and REACH compliant.

Color

- v Standard color: White, yellow
- v Other colors are available upon request.

Operating Temperature Range

- v Operating temperature: -55 ~ 125
- v Minimum shrink temperature: 70
- v Minimum fully recovery temperature: 110

Approvals

Property

Property

Requirement

Test method

Typical data

Longitudinal shrinkage

Tensile strength

Elongation at break

Elongation after aging

(158 ,168hrs)

Heat shock

No crack

Low-temperature flexibility (-55 ,4hrs)

No crack

ASTM D 2671

Dielectric voltage withstand

2500V,60sec,no breakdown

No breakdown

Dielectric strength

Volume resistivity

Corrosion

No corrosion

Flammability

Self-extinguishing within one second

Pass

Printing performance

50rubs, legible

30strokes, legible

Pass

Fluid resistance (23 , 24hrs)

Printing legible

Sizes

Size

As supplied (mm)

After recovered(mm)

Recommended

use range

(mm)

inch

mm

Inside diameter(min)

Inside diameter (max)

Other sizes are available upon request.