

供应DR150 军标级耐油橡胶热收缩套管

产品名称	供应DR150 军标级耐油橡胶热收缩套管
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
联系电话	18938757244

产品详情

DR150 军标级耐油橡胶热收缩套管

应用

由辐照交联优质耐油聚合物制成，适合应用于需要耐油、耐磨擦的环境，具有优良的耐油、耐化学腐蚀和耐溶剂性能，对线束、线缆或被覆元器件提供保护。

特性

- v 收缩比：2:1
- v 优异的耐油、耐化学腐蚀性能
- v 柔软、阻燃
- v 符合ROHS、REACH等环保规范

颜色

标准颜色：黑色

操作温度范围

- v 连续使用温度：-75 ~ 150
- v 低完全收缩温度：150

符合标准

v SAE AMS-DTL-23053/16

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

11.7MPa min

ASTM D 638

13MPa

断裂伸长率

200% min

400%

老化后抗张强度

(热老化150 , 168小时)

10.3MPa min

12MPa

老化后断裂伸长率(150 ,168小时)

200% min

300%

热冲击

(200 , 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

不击穿

击穿强度

11.9 KV/mm min

ASTM D 2671

16KV/mm

体积电阻率

109cm min

ASTM D 876

1010cm

腐蚀性

无腐蚀

阻燃性

1分钟内自熄

通过

耐液性 (23 , 24hrs)

抗张强度

10.3MPa min

ASTM D 638

12MPa

断裂伸长率

200% min

ASTM D 638

300%

击穿强度

7.9 KV/mm min

12KV/mm

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+0.15

100

3/16

4.8

4.8

0.84+0.15

1/4

6.4

6.4

0.89+0.15

3/8

9.5

9.5

1.02+0.20

50

1/2

12.7

12.7

1.22+0.20

3/4

19.1

19.1

1.45+0.28

30

1

25.4

25.4

1.78+0.28

11/2

38.1

38.1

2.41+0.41

2

50.8

50.8

2.79+0.41

25

其他规格尺寸可定制

DR150 Diesel Resistant Elastomeric Heat Shrinkable Tubing

Application

It is made of irradiation cross-linked specially formulated flexible elastomeric compounds. It is particularly suitable for resistance to aviation and diesel fuels, hydraulic fluids and lubricating oils, and chemical solvents. To protect cables, wiring harnesses and connectors in military vehicles. It is also well suited for the demands of motor sport cable harness.

Characteristics

v Shrink ratio: 2:1

v Excellent resistance to oil, diesel and hydraulic fluids.

v Flexible, flame-retardant.

v ROHS and REACH compliant.

Color

v Standard color: Black

Operating Temperature Range

v Operating temperature: -75 ~ 150

v Minimum fully recovery temperature: 150

Approval

v SAE AMS-DTL-23053/16

Property

Property

Requirement

Test method

Typical data

Longitudinal shrinkage

10%

ASTM D 2671

5%

Tensile strength

11.7MPa min

ASTM D 638

13MPa

Elongation at break

200% min

400%

Tensile strength after aging

(150 ,168hrs)

10.3MPa min

12MPa

Elongation after aging

200% min

300%

Heat shock

No crack

Low-temperature flexibility (-65 ,4hrs)

Dielectric voltage withstand

2500V,60sec,no breakdown

No breakdown

Dielectric strength

11.9 KV/mm min

ASTM D 2671

16KV/mm

Volume resistivity

109cm min

ASTM D 876

1010cm

Copper corrosion

No corrosion

Flammability

Self-extinguishing within one seconds

Pass

Fluids resistance (23 , 24hrs)

Tensile strength

10.3MPa min

ASTM D 638

12MPa

Elongation at break

200% min

ASTM D 638

300%

7.9 KV/mm min

12KV/mm

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+0.15

100

3/16

4.8

4.8

0.84+0.15

1/4

6.4

6.4

0.89+0.15

3/8

9.5

9.5

1.02+0.20

50

1/2

12.7

12.7

1.22+0.20

3/4

19.1

19.1

1.45+0.28

30

1

25.4

25.4

1.78+0.28

11/2

38.1

38.1

2.41+0.41

2

50.8

50.8

2.79+0.41

25

Other sizes are available upon request.