

导电橡胶

ELECTRICALLY CONDUCTIVE ELASTOMER

产品介绍 PRODUCT INTRODUCTION

当两个壳体结合在一起时，电磁波会从两个结构的缝隙进入腔体内或者泄露出腔体外。我们的导电弹性衬垫能完美的解决您的难题，我们的导电弹性垫圈是由导电填料和树脂模压或者挤出成型，它可以安装在两个壳体之间，填充两个壳体的缝隙，来阻挡电磁波。

Electromagnetic waves will enter the shielding system from the gap between the two enclosures. The conductive elastic gasket can perfectly solve your problem. The conductive elastic gasket is molded or extruded by conductive filler and resin. It can appear between two shells and fill the gap between the two shells to block electromagnetic waves.

产品特点 PRODUCT FEATURE

- 多种形状,满足不同的适用场景
- 多种导电材质可供选择
- 可模切加工成各种形状
- Various shapes to meet different scenarios
- Varies conductive materials are available
- It can be die-cutted into various shapes

典型应用 TYPICAL APPLICATION

- 光模块
- 汽车电子
- 服务器
- 医疗
- 数据通信
- Optical module
- Automotive electronics
- Server
- Medical industry
- DataCom

产品参数 PRODUCT PARAMETER

| 产品型号 Models | 导电填料 Conductive Filler | 拉伸强度 Tensile Strength | 伸长率 Elongation | 撕裂强度 Tear strength | 硬度 Hardness | 屏蔽效果 Shielding Effectiveness | 体积电阻率 Volume Resistivity | 使用温度 Operating Temperature Range | 保质期 Shelf Life |
|----------------|---------------------------|--------------------------|-------------------|-----------------------|----------------|---------------------------------|-----------------------------|-------------------------------------|-------------------|
| | | Mpa | % | KN/m | Shore A | @10GHz dB | ohm-cm | °C | months |
| SCE 465 | Ag/Al | 180 | 150 | 30 | 65 | 100 | 0.08 | -55~170 | 12 |
| SCE 165 | Ni/C | 200 | 150 | 30 | 65 | 100 | 0.1 | -55~170 | 12 |
| SCE 575 | Ni/Al | 200 | 150 | 30 | 75 | 100 | 0.1 | -55~170 | 12 |
| SCE 665 | Ag/G | 200 | 150 | 30 | 65 | 100 | 0.006 | -55~170 | 12 |
| SCE 260 | Ag/Cu | 200 | 150 | 30 | 60 | 120 | 0.004 | -55~170 | 12 |
| SCE 460 F | Ag/Al | 120 | 120 | 30 | 60 | 120 | 0.012 | -55~170 | 12 |

双色挤出胶条 CO-EXTRUDING GASKET

| 产品型号 Models | 材质 materials | 填料 Filler | 拉伸强度 Tensile Strength | 伸长率 Elongation | 撕裂强度 Tear strength | 硬度 Hardness | 体积电阻率 Volume Resistivity | 使用温度 Operating Temperature Range | 保质期 Shelf Life |
|----------------|-----------------|--------------|--------------------------|-------------------|-----------------------|----------------|-----------------------------|-------------------------------------|-------------------|
| | | | PSI | % | PPI | ShoreA | ohm-cm | °C | months |
| SCE/N 465 | SCE 465 | AG/AL | 180 | 150 | 30 | 65 | 0.008 | -55~160 | 12 |
| | SNCE | 硅橡胶 | 900 | 300 | 60 | 55 | N/A | -55~160 | 12 |
| SCE/N 665 | SCE 665 | AG/G | 200 | 150 | 30 | 65 | 0.006 | -55~160 | 12 |
| | SNCE | 硅橡胶 | 900 | 300 | 60 | 55 | N/A | -55~160 | 12 |



| 产品编号 Models | 2100 | 2101 | 2103 | 2105 | 2107 | 2109 | 2111 | 2113 | 2215 | 2205 | 2301 | 2302 | 2303 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 宽 A | 1 | 1.4 | 2 | 2.8 | 3.2 | 3.4 | 3.4 | 4 | 4.57 | 4.58 | 6 | 12 | 12 |
| 高 B | 1 | 1.4 | 2.2 | 2.7 | 3.63 | 3.99 | 3.99 | 6 | 4.75 | 4.75 | 6 | 8 | 13 |
| 内径 C | 0 | 0 | 0.8 | 1.3 | 1.63 | 2 | 2.2 | 2.5 | 2 | 1.8 | 1 | 1.6 | 1.8 |