

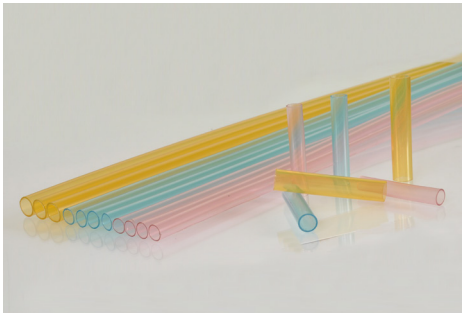
Wrapta

High-Elasticity Heat Shrink Tubing for Wire Terminals  
高弹性接线端子用热缩管

高弹密封, 透明防护  
Highly Elastic Sealing, Transparent Protection

高弹性接线端子用热缩管 (Wrapta-TH) 由改性聚烯烃制成, 内层特有胶粘剂, 能够牢固粘附于PVC、PE及金属表面, 专为各种电子连接器和端子的密封、防水、防腐蚀与绝缘保护设计。其高弹性及透明特性不仅方便安装与检测, 还能有效增强连接部位在恶劣环境下的固定和抗振动能力, 是保障关键电气连接长期稳定的理想选择。

Wrapta-TH highly elastic heat shrink tubing is made from modified polyolefin with a unique adhesive inner layer, providing strong bonding to PVC, PE, and metals. Designed for reliable sealing, waterproofing, corrosion resistance, and insulation of terminals and connectors, its high elasticity and translucence facilitate easy installation and inspection. Wrapta-TH is ideal for reinforcing and protecting electrical connections in demanding environments, ensuring long-term stability and durability.



产品特性与优势 Features and benefits

| 性能<br>Property                              | 指标要求<br>Requirement | 测试方法<br>Test Method              | 典型值<br>Typical Data |
|---------------------------------------------|---------------------|----------------------------------|---------------------|
| 操作温度范围<br>Operating Temperature             | /                   | /                                | -40°C to +105°C     |
| 完全收缩温度<br>Full recovery temperature         | /                   | /                                | +100 °C             |
| 抗张强度<br>Tensile strength                    | ≥16.0MPa            | ASTM D 2671                      | ≥16.0MPa            |
| 老化后抗张强度<br>Tensile strength after aging     | ≥11.5MPa            | ASTM D 2671<br>(158°C/168 hrs)   | ≥11.5MPa            |
| 断裂伸长率<br>Elongation at break                | ≥200%               | ASTM D 2671                      | ≥200%               |
| 老化后断裂伸长率<br>Elongation at break after aging | ≥100%               | ASTM D 2671<br>(150°C/168 hrs)   | ≥100%               |
| 绝缘耐压和击穿<br>Dielectric voltage withstand     | 无击穿<br>No breakdown | ASTM D 2671<br>(2.5kV, 1 minute) | 无击穿<br>No breakdown |
| 铜腐蚀性<br>Copper corrosion                    | 无腐蚀<br>No corrosion | ASTM D 2671<br>(150°C/168 hrs)   | 无腐蚀<br>No corrosion |
| 铜稳定性<br>Copper corrosion                    | 无腐蚀<br>No corrosion | ASTM D 2671<br>(150°C/168 hrs)   | 无腐蚀<br>No corrosion |
| 低温柔软性<br>Low-temperature flexibility        | 无裂纹<br>No cracking  | ASTM D 2671<br>(-40°C/4 hrs)     | 无裂纹<br>No cracking  |
| 热冲击<br>Heat Shock                           | 无裂纹<br>No cracking  | ASTM D 2671<br>(200°C/4 hrs)     | 无裂纹<br>No cracking  |

- 收缩比3:1
  - 改性聚烯烃材质, 内层特有胶粘剂
  - 高弹性与高透明性, 便于安装与检测
  - 优异防水、防潮、防腐蚀及绝缘保护
  - 牢固粘附PVC、PE及金属表面, 抗振动
- 
- Shrink ratio 3:1
  - Modified polyolefin with unique adhesive inner layer
  - Highly elastic and translucent for easy installation and inspection
  - Excellent waterproof, moistureproof, corrosion resistance, and insulation
  - Strong adhesion to PVC, PE, metals; vibration resistant

颜色 COLOR

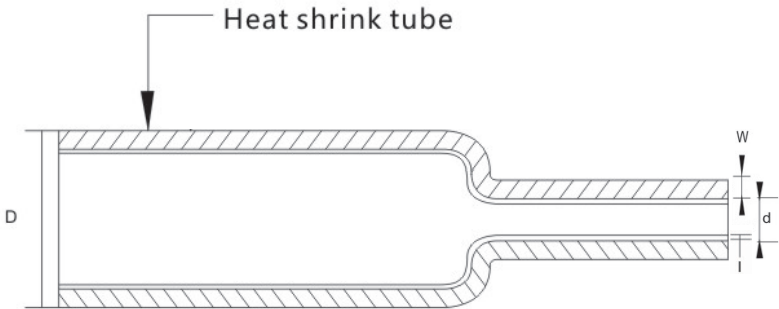
符合标准 Standards

◦ RoHS;

◦ REACH

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| 标准壁厚<br>Standard wall thickness |                |                         |               |                             |               |                             |
|---------------------------------|----------------|-------------------------|---------------|-----------------------------|---------------|-----------------------------|
| 收缩比<br>Shrink Ratio             | 编号<br>Part No. | 收缩前<br>As supplied (mm) |               | 收缩后<br>After recovered (mm) |               | 标准长度<br>Standard length (m) |
|                                 |                | 内径<br>I.D (D)           | 壁厚<br>W.T (w) | 最大内径<br>I.D.max (d)         | 壁厚<br>W.T (w) |                             |
| 3:1                             | Wrapta-TH-4.7  | 4.7±0.3                 | 0.45±0.1      | 1.40                        | 1.00±0.35     | 100                         |
|                                 | Wrapta-TH-5.7  | 5.7±0.3                 | 0.60±0.1      | 1.55                        | 1.10±0.40     | 100                         |
|                                 | Wrapta-TH-6.7  | 6.7±0.3                 | 0.60±0.1      | 2.10                        | 1.10±0.45     | 100                         |

接受特殊尺寸及颜色定制需求，技术参数如有变更，恕不另行通知。最低订购量 (MOQ) 可能与包装数量有所不同。  
Custom sizes and colors are available upon request. Technical specifications are subject to change without prior notice. Minimum order quantities (MOQ) may differ from standard packaging quantities.

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