

Wrapta Heat Shrink Tubing for Wire Terminals 接线端子用热缩管

防水绝缘, 耐腐蚀, 端子专用 Waterproof & Insulating, Corrosion Resistant, For Terminals

接线端子用热缩管 (Wrapta-TE) 专为端子和压接接头设计, 采用聚烯烃外层与聚酰胺热熔胶内层结构, 能够为电气连接提供可靠的防水、防腐蚀与绝缘保护。透明管身便于检查压接质量, 适用于线束、接头等对密封及安全性要求高的场合, 是实现高效安全电气连接的理想选择。

Wrapta-TE heat shrink tubing is specially designed for terminals and crimp joints, featuring a polyolefin outer layer and polyamide hot melt adhesive inner lining. It delivers dependable waterproofing, corrosion resistance, and complete insulation for electrical connections. The transparent tubing allows for easy inspection of crimp quality, making Wrapta-TE the ideal solution for secure and efficient wiring in harnesses and critical electrical joints.



产品特性与优势 Features and benefits

性能 Property	指标要求 Requirement	测试方法 Test Method	典型值 Typical Data
操作温度范围 Operating Temperature	/	/	-55°C to +125°C
最低收缩温度 Min. Shrink Temperature	/	/	+80°C
完全收缩温度 Full recovery temperature	/	/	+130 °C
抗张强度 Tensile strength	≥18.0MPa	ASTM D 2671	≥18.0MPa
老化后抗张强度 Tensile strength after aging	≥11.5MPa	ASTM D 2671 (158°C/168 hrs)	≥11.5MPa
断裂伸长率 Elongation at break	≥200%	ASTM D 2671	≥200%
老化后断裂伸长率 Elongation at break after aging	≥100%	ASTM D 2671 (158°C/168 hrs)	≥100%
绝缘耐压和击穿 Dielectric voltage withstand	无击穿 No breakdown	ASTM D 2671 (2.5kV, 1 minute)	无击穿 No breakdown
铜腐蚀性 Copper corrosion	无腐蚀 No corrosion	ASTM D 2671 (158°C/168 hrs)	无腐蚀 No corrosion
铜稳定性 Copper corrosion	无腐蚀 No corrosion	ASTM D 2671 (158°C/168 hrs)	无腐蚀 No corrosion
低温柔软性 Low-temperature flexibility	无裂纹 No cracking	ASTM D 2671 (-30°C/4 hrs)	无裂纹 No cracking
最大正割模量 Maximum secant modulus(2%)	250 MPa	/	250 MPa
体积电阻率 Volume resistivity	≥10 ¹⁴ Ω·cm	ASTM D 2671	≥10 ¹⁴ Ω·cm
热冲击 Heat Shock	无裂纹 No cracking	ASTM D 2671 (250°C/4 hrs)	无裂纹 No cracking

- 收缩比3:1
 - 聚烯烃外层与聚酰胺热熔胶内层结构
 - 优异防水、防潮、防腐蚀及绝缘保护
 - 透明管身便于压接质量检查
 - 适用于端子、压接接头及高密封要求场合
- Shrink ratio 3:1
 - Polyolefin outer and polyamide adhesive inner layer
 - Excellent waterproofing, moisture and corrosion resistance, complete insulation
 - Transparent tubing for easy inspection of crimp quality
 - Ideal for terminals, crimp joints, and high-sealing applications

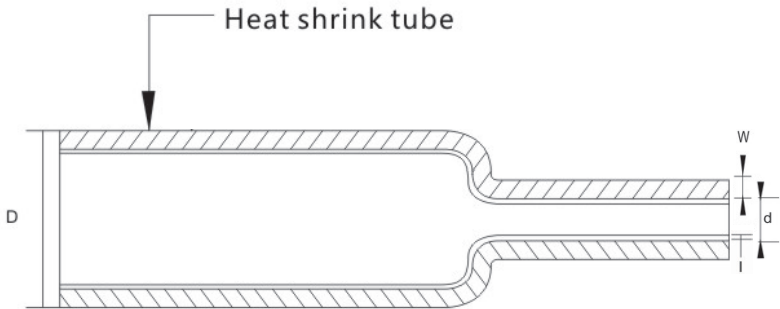
颜色 COLOR   

符合标准 Standards

- RoHS;
- REACH

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标准壁厚 Standard wall thickness						
收缩比 Shrink Ratio	编号 Part No.	收缩前 As supplied (mm)		收缩后 After recovered (mm)		标准长度 Standard length (m)
		内径 I.D (D)	壁厚 W.T (w)	最大内径 I.D.max (d)	最小壁厚 W.T min (w)	
3:1	Wrapta-TE-4.8	4.8±0.3	0.50±0.1	1.4	1.1±0.1	100
	Wrapta-TE-5.8	5.8±0.3	0.60±0.1	1.7	1.2±0.1	100
	Wrapta-TE-6.8	6.8±0.3	0.65±0.1	2.1	1.4±0.1	100
	Wrapta-TE-7.0	7.0±0.3	0.65±0.1	2.5	1.5±0.1	100
	Wrapta-TE-8.3	8.3±0.3	0.70±0.1	3.0	1.65±0.1	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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