

Wrapta

High Performance Dual-Wall Heat Shrink Tubing
高性能双壁热缩管

高性能密封防护, 防水防腐
High Performance Sealing, Waterproof & Anti-Corrosion

高性能双壁热缩管 (Wrapta-MG) 具备3:1收缩比与V-0级阻燃性能, 专为线束、船用电缆及金属管道等环境下的密封、防水与防腐蚀保护而设计。其卓越的绝缘性及高机械强度, 保障在严苛工况下的长期安全运行, 是高要求工程的理想选择。

Wrapta-MG high performance dual-wall heat shrink tubing features a 3:1 shrink ratio and V-0 flame retardancy, offering reliable sealing, waterproofing, and corrosion protection for wire harnesses, marine cables, and metal pipes. With outstanding insulation and mechanical strength, Wrapta-MG ensures long-term safety and performance in demanding environments, making it the preferred solution for high-reliability applications.



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 +135°C
最低收缩温度 Min. Shrink Temperature	/	/	+80°C
完全收缩温度 Full recovery temperature	/	/	+110 °C
抗张强度 Tensile strength	≥10.4MPa	GJB 7270-2011	≥10.4MPa
断裂伸长率 Elongation at break	≥300%	GJB 7270-2011	≥500%
老化后断裂伸长率 Elongation at break after aging	无裂痕 No Cracking	GJB 7270-2011	无裂痕 No Cracking
纵向收缩率 Longitudinal Shrink Ratio	-10%~+10%	GJB 7270-2011	-5%~+5%
热冲击 Heat shock	无裂痕 No Cracking	GJB 7270-2011 (250°C/4 hrs)	无裂痕 No Cracking
低温柔软性 Low temperature flexibility	无裂痕 No Cracking	GJB 7270-2011 (-55°C/4 hrs)	无裂痕 No Cracking
绝缘耐压和击穿 Dielectric voltage withstand	无击穿 No Breakdown	GJB 7270-2011 (2500v, 60s)	无击穿 No Breakdown
体积电阻率 Volume resistivity	≥10 ¹² Ω·cm	GB/T 7113.2-2005	≥10 ¹² Ω·cm
阻燃性能 Flammability	60 秒内自熄 Self-Extinguishing within 60s	GB/T 7113.2-2005	通过 Pass
铜腐蚀 Copper corrosion	无腐蚀 No corrosion	GJB 7270-2011	通过 Pass

- 收缩比3:1
- 环保V-0阻燃
- 优异密封防水, 防潮、防腐蚀, 胶层牢固
- 高强度、高伸长率、耐热老化, 优良绝缘
- 适用于线束、船用电缆和金属管等领域
- Shrink ratio 3:1
- V-0 flame retardant
- Excellent waterproof, moisture and corrosion resistance, strong adhesive layer
- High strength and elongation, heat aging resistant, excellent insulation
- Suitable for wire harnesses, marine cables, and metal pipes

<https://www.hzdingyuan.cn/>

(续 Continue.)

盐雾 Salt spray	外层无裂纹、无流动、无滴落 The outer layer exhibits no cracks, seepage, or dripping	GJB 150.11-1986	通过 Pass
湿热 Damp heat	外层无裂纹、无流动、无滴落 The outer layer exhibits no cracks, seepage, or dripping	GJB 150.11-1986	通过 Pass
霉菌 Mildew	Grade ≥ 1	GJB 150.11-1986	通过 Pass

颜色 COLOR

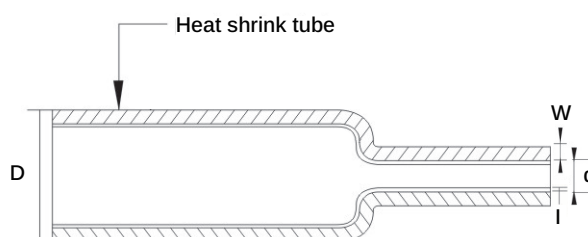


表 A. 产品规格 Table A. Product Dimensions					
收缩比 Shrink Ratio	编号 Part No.	规格 Size (mm)	收缩前 As supplied (mm)	收缩后 After recovered (mm)	标准长度 Standard length (m/roll, m/pc)
			内径 I.D (D)	内径 I.D (d)	
3:1	Wrapta-WG-3.2	Φ3.2	3.2	0.40±0.08	1.00±0.20
	Wrapta-WG-4.8	Φ4.8	4.8	0.40±0.08	1.00±0.20
	Wrapta-WG-6.4	Φ6.4	6.4	0.40±0.10	1.00±0.20
	Wrapta-WG-7.9	Φ7.9	7.9	0.50±0.10	1.25±0.20
	Wrapta-WG-9.5	Φ9.5	9.5	0.52±0.10	1.40±0.20
	Wrapta-WG-12.7	Φ12.7	12.7	0.68±0.10	1.76±0.30
	Wrapta-WG-15.4	Φ15.4	15.4	0.70±0.10	1.80±0.30
	Wrapta-WG-19.1	Φ19.1	19.1	0.80±0.10	2.20±0.30
	Wrapta-WG-25.4	Φ25.4	25.4	0.95±0.15	2.54±0.40
	Wrapta-WG-31.8	Φ31.8	31.8	0.95±0.15	2.54±0.40
	Wrapta-WG-38.1	Φ38.1	38.1	0.95±0.15	2.54±0.40
	Wrapta-WG-50.8	Φ50.8	50.8	0.95±0.15	2.54±0.40

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.