

Wrapta

General-Purpose Dual-Wall Heat Shrink Tubing
通用型双壁热缩管

密封防水, 绝缘保护
Waterproof Sealing, Insulation Protection

通用型双壁热缩管 (Wrapta-G) 采用外层聚烯烃与内层热熔胶共挤结构, 专为电线、电缆连接、线束分支及电子元件的防水密封和绝缘保护而设计。加热后, 热熔胶在收缩过程中实现牢固的防潮粘结, 有效阻隔水分和灰尘, 提升系统安全可靠。Wrapta-G 安装便捷, 适应多种尺寸, 广泛应用于电子、电力和通信行业, 是各种需环境密封保护场合的理想之选。

Wrapta-G general-purpose dual wall heat shrink tubing features a polyolefin outer layer and a hot-melt adhesive inner lining, engineered for waterproof sealing and reliable insulation of wire splices, cable jackets, harness breakouts, and electrical components. Upon heating, the adhesive flows to create a durable moisture barrier, safeguarding against water and environmental contaminants. Easy to install and compatible with various diameters, Wrapta-G significantly enhances system reliability and is widely used in electronics, electrical, and telecommunications sectors—making it the ideal solution for demanding environmental protection applications.



产品特性与优势 Features and benefits

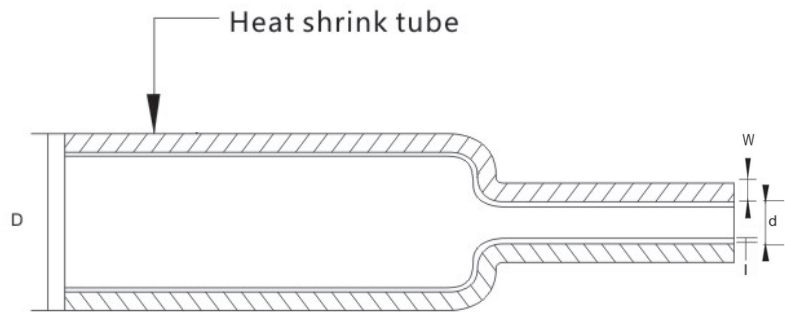
性能 Property	指标要求 Requirement	测试方法 Test Method	典型值 Typical Data
操作温度范围 Operating Temperature	/	/	-45°C to +100°C
最低收缩温度 Min. Shrink Temperature	/	/	+80°C
完全收缩温度 Full recovery temperature	/	/	+100 °C
抗张强度 Tensile strength	≥12MPa	ASTM D 2671	≥12MPa
老化后抗张强度 Tensile strength after aging	≥10MPa	ASTM D 2671 (158°C, 168 hrs)	≥10MPa
断裂伸长率 Elongation at break	≥400%	ASTM D 2671	≥400%
老化后断裂伸长率 Elongation at break after aging	≥300%	ASTM D 2671 (158°C, 168 hrs)	≥300%
长度变化率 Longitudinal change	0 to -15%	ASTM D 2671	0 to -15%
热冲击 Heat shock	无裂痕 No Cracking	ASTM D2671 (250°C/4 hrs)	无裂痕 No Cracking
低温柔软性 Low temperature flexibility	无裂痕 No Cracking	ASTM D 2671	无裂痕 No Cracking
绝缘耐压和击穿 Dielectric voltage withstand	无击穿 No Breakdown	ASTM D 2671	无击穿 No Breakdown
体积电阻率 Volume resistivity	≥10 ¹⁴ Ω·cm	ASTM D 876	≥10 ¹⁴ Ω·cm
阻燃性能 Flammability	60秒自熄 Self-extinguishing within 15s	ASTM D 2671	60秒自熄 Self-extinguishing within 15s
铜腐蚀性 Copper corrosion	通过 Pass	UI224	通过 Pass
吸水性 Water absorption	通过 Pass	ASTM D 570	通过 Pass

- 收缩比3:1 / 4:1
 - 聚烯烃与热熔胶双壁结构, 防水密封
 - 优异密封, 适用于电子及通信设备保护
 - 安装简便, 性能稳定, 适用连接和过渡部位
 - 可选EVA或聚酰胺热熔胶, 适用广泛
- Shrink ratio 3:1 / 4:1
 - Dual-wall polyolefin and hot-melt adhesive for waterproof sealing
 - Excellent sealing, ideal for electronics and telecom protection
 - Easy installation, reliable performance, suitable for connections and transitions
 - Optional EVA or polyamide adhesive, versatile application

颜色 COLOR

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标准壁厚 Standard wall thickness								
收缩比 Shrink Ratio	编号 Part No.	规格 Size (Φ mm)	收缩前 As supplied (mm)		收缩后 After recovered(mm)			标准长度 Standard length (m/roll, m/pc)
			最小内径 I.D.min (D)	最小壁厚 W.T.min (W)	最大内径 I.D.max (d)	壁厚 W.T (w)	胶厚 Adhesive thickness (l)	
3:1	Wrapta-G-3x3.2	3.2 (1/8")	3.2	0.35	1.0	1.00±0.28	0.45±0.08	200
	Wrapta-G-3x4.8	4.8 (3/16")	4.8	0.35	1.6	1.00±0.28	0.45±0.08	100
	Wrapta-G-3x6.4	6.4 (1/4")	6.4	0.4	2.0	1.00±0.28	0.50±0.08	100
	Wrapta-G-3x9.5	9.5 (3/8")	9.5	0.5	3.0	1.40±0.28	0.60±0.10	50
	Wrapta-G-3x12.7	12.7 (1/2")	12.7	0.6	4.0	1.70±0.38	0.76±0.15	1.22
	Wrapta-G-3x15	15.0 (5/8")	15.0	0.6	5.0	1.90±0.38	0.76±0.15	1.22
	Wrapta-G-3x19.1	19.1 (3/4")	19.1	0.7	6.0	2.25±0.55	0.76±0.15	1.22
	Wrapta-G-3x25.4	25.4 (1")	25.4	0.8	8.0	2.54±0.55	1.00±0.20	1.22
	Wrapta-G-3x38.1	38.1 (3/2")	38.1	0.8	13	2.54±0.55	1.00±0.20	1.22

标准壁厚 Standard wall thickness								
收缩比 Shrink Ratio	编号 Part No.	规格 Size (Φ mm)	收缩前 As supplied (mm)		收缩后 After recovered(mm)			标准长度 Standard length (m/pc)
			最小内径 I.D.min (D)	最小壁厚 W.T.min (W)	最大内径 I.D.max (d)	壁厚 W.T (w)	胶厚 Adhesive thickness (l)	
4:1	Wrapta-G-4x4	4 (3/16")	4.0	0.4	1.0	1.00±0.28	0.45±0.08	1.22
	Wrapta-G-4x8	8 (5/16")	8.0	0.45	1.6	1.00±0.28	0.50±0.08	1.22
	Wrapta-G-4x12	12 (1/2")	12.0	0.45	2.0	1.40±0.28	0.60±0.10	1.22
	Wrapta-G-4x16	16 (5/8")	16.0	0.55	3.0	1.70±0.38	0.76±0.15	1.22
	Wrapta-G-4x24	24 (1")	24.0	0.70	4.0	2.25±0.55	0.76±0.15	1.22
	Wrapta-G-4x32	32 (5/4")	32.0	0.70	5.0	2.54±0.55	1.00±0.20	1.22
	Wrapta-G-4x52	52 (2")	52.0	0.70	6.0	2.54±0.55	1.00±0.20	1.22

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.

https://www.hzdingyuan.cn/