

Wrapta

Flame-Retardant Adhesive Medium-Wall Heat Shrink Tubing
阻燃型中壁含胶热缩管

耐磨绝缘, 环保便捷, 户外防护

Abrasion Resistant & Insulating, Eco-Friendly, Outdoor Protection

阻燃型中壁含胶热缩管 (Wrapta-MV) 专为电缆接头和金属管道在户外及恶劣环境下的防护而设计。其阻燃、耐磨和含胶密封结构, 能够有效抵御紫外线、化学腐蚀和水分侵入, 为电力、船舶及机电工程等领域的关键部位提供持久、可靠的机械和电气保护, 大幅提升设备的安全性和使用寿命。

Wrapta-MV flame-retardant medium wall adhesive-lined heat shrink tubing is designed for the protection of cable splices and metal pipes in outdoor and harsh environments. With its flame-retardant, abrasion-resistant, and adhesive-lined structure, it effectively resists UV radiation, chemical exposure, and moisture ingress. Wrapta-MV provides long-lasting and reliable mechanical and electrical protection for critical applications in power, marine, and electromechanical engineering, significantly enhancing equipment safety and durability.



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 +110°C
最低收缩温度 Min. Shrink Temperature	/	/	+80°C
完全收缩温度 Full recovery temperature	/	/	+120 °C
抗张强度 Tensile strength	≥12MPa	ASTM D 2671	≥12MPa
老化后抗张强度 Tensile strength after aging	≥12MPa	ASTM D 2671 (150°C/168 hrs)	≥12MPa
断裂伸长率 Elongation at break	≥350%	ASTM D 2671	≥350%
老化后断裂伸长率 Elongation at break after aging	≥300%	ASTM D 2671 (150°C/168 hrs)	≥300%
介电强度 Dielectric strength	≥10kV/mm	ASTM D 2671	≥10kV/mm
体积电阻率 Volume resistivity	≥10 ¹² Ω·cm	ASTM D 2671	≥10 ¹² Ω·cm
阻燃性 Flammability	通过 Pass	ASTM D 2671	外层VW-1 Outer layer VW-1
热熔胶 Hot melt adhesive			
软化点 Softening point	85±5°C	ASTM E28	85±5°C
吸水率 Water absorption	≤0.2%	ISO 62	≤0.2%
剥离强度 Peel strength	≥4N/cm	DIN 30672	≥4N/cm

- 收缩比3:1
- 半硬阻燃、耐磨、含胶结构
- 防水、防潮、耐紫外, 适合户外环境
- 优异绝缘性能, 抗化学腐蚀, 保护电缆管道
- 符合RoHS、REACH环保规范, 持久可靠
- Shrink ratio 3:1
- Semi-rigid, flame-retardant, abrasion-resistant, adhesive-lined
- Waterproof, moistureproof, UV resistant for outdoor use
- Excellent insulation, chemical resistance, protects cables and pipes
- RoHS and REACH compliant, long-lasting and reliable

颜色 COLOR

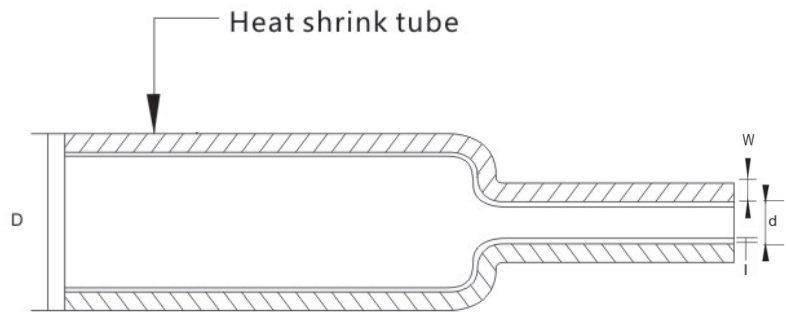


符合标准 Standards

- RoHS;
- REACH;

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中壁 Medium-Wall						
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)
			最小内径 I.D. min (D)	最大内径 I.D. max (d)	最小壁厚 W,T min (w)	
3:1	Wrapta-MV-22	22	22	6	2.5	1.22
	Wrapta-MV-33	33	33	8	2.5	1.22
	Wrapta-MV-40	40	40	12	2.5	1.22
	Wrapta-MV-55	55	55	16	2.7	1.22
	Wrapta-MV-65	65	65	19	2.8	1.22
	Wrapta-MV-75	75	75	22	3.0	1.22
	Wrapta-MV-95	95	95	25	3.0	1.22
	Wrapta-MV-115	115	115	34	3.0	1.22
	Wrapta-MV-140	140	140	42	3.0	1.22
	Wrapta-MV-160	160	160	50	3.0	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.

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