

Stura

Magnetic Heat Shrink Tubing
磁性热缩管

高效电磁屏蔽, 提升EMC
Efficient EMI Shielding, Enhanced EMC

磁性热缩管 (Stura-MA) 专为提升电子元器件的电磁兼容性与抗干扰能力而设计, 广泛应用于电感、电容等器件的外部磁屏蔽。其优异的电磁屏蔽性能, 有效提升电路的稳定性和可靠性, 能替代传统磁罩, 用于PC电源、数据线等需要电磁屏蔽的环境, 为复杂电子系统提供卓越的EMC解决方案。

Stura-MG magnetic heat shrink tubing is specifically designed to enhance electromagnetic compatibility and interference resistance for electronic components. It is widely used for magnetic shielding of inductors, capacitors, and other devices, effectively improving circuit stability and reliability. By serving as an alternative to conventional magnetic covers and providing superior EMC performance in environments such as PC power supplies and data cables, it offers an outstanding solution for electromagnetic shielding in complex electronic systems.



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	/	/	+60°C
完全收缩温度 Full recovery temperature	/	/	+110°C
长度变化率 Longitudinal change	≤10%	ASTM D 2671	≤5%
抗张强度 Tensile strength	≥11.7 MPa	ASTM D 2671	≥12 MPa
断裂伸长率 Elongation at break	≥300%	ASTM D 2671	≥400%
绝缘耐压和击穿 Dielectric voltage withstand	不击穿 No Breakdown (1500V, 60sec)	ASTM D 2671	≤5%
体积电阻率 Volume resistivity	≥11.7 MPa	ASTM D 2671	≥12 MPa
工作频率 Operating frequency	/	/	≥400%
电感上升幅度 Inductance increase	/	/	≥400%

- 收缩比2:1
 - 优异电磁兼容性和抗电磁干扰性
 - 提升电子元件性能及电磁屏蔽
 - 性能稳定, 安装简便, 收缩均匀
- Shrink ratio 2:1
 - Excellent EMC and EMI properties
 - Enhances component performance and electromagnetic shielding
 - Stable properties, easy installation, uniform shrinkage

颜色 COLOR



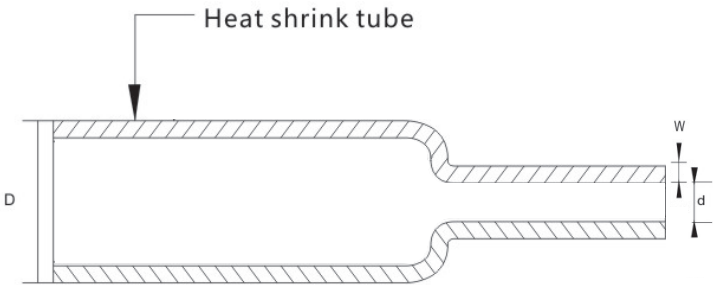
符合标准 Standards

- RoHS;
- REACH

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标准壁厚 Standard wall thickness							
收缩比 Shrink Ratio	编号 Part No.	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)
			内径 I.D (D)	壁厚 W.T (w)	最大内径 I.D.max (d)	壁厚 W.T (w)	
2:1	Stura-MG-3	3	3.5±0.3	0.25±0.05	≤1.5	0.45±0.10	200
	Stura-MG-4	4	4.5±0.3	0.25±0.05	≤2.0	0.45±0.10	100
	Stura-MG-4.5	4.5	5.0±0.3	0.25±0.05	≤2.3	0.50±0.10	100
	Stura-MG-5	5	5.5±0.4	0.28±0.06	≤2.5	0.56±0.10	100
	Stura-MG-6	6	6.5±0.4	0.28±0.06	≤3.0	0.56±0.10	100
	Stura-MG-7	7	7.5±0.4	0.28±0.06	≤3.5	0.56±0.10	100
	Stura-MG-8	8	8.5±0.4	0.28±0.06	≤4.0	0.60±0.10	100
	Stura-MG-9	9	9.5±0.4	0.30±0.08	≤4.5	0.60±0.10	100
	Stura-MG-10	10	10.5±0.4	0.30±0.08	≤5.0	0.60±0.10	100
	Stura-MG-11	11	11.5±0.5	0.30±0.08	≤5.5	0.60±0.10	100
	Stura-MG-12	12	12.5±0.5	0.30±0.08	≤6.0	0.60±0.10	100
	Stura-MG-13	13	13.5±0.5	0.35±0.10	≤6.5	0.65±0.10	100
	Stura-MG-14	14	14.5±0.5	0.35±0.10	≤7.0	0.65±0.10	100
	Stura-MG-15	15	15.5±0.5	0.35±0.10	≤7.5	0.68±0.10	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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