

Colnex

Silicone Rubber Sealing Cold Shrink Tubing
硅橡胶密封冷缩管

双层密封, 无需加热, 通信专用防护

Dual-Layer Sealing, No Heat Needed, For Telecom Protection

硅橡胶密封冷缩管 (Colnex-SS) 采用高耐候性硅橡胶及创新双层结构设计, 内置橡胶圈显著提升了防水、密封和绝缘能力, 有效解决传统密封胶泥易硬化的问题。该产品特别适用于通信基站中同轴电缆、跳线、DIN头、N型及各类接头的密封与防护。安装过程无需任何工具和加热, 即使在空间狭小或禁止明火的环境下, 也能实现快速、可靠的施工。Colnex-SS为关键通信连接提供持久、优质的防护, 是现代通信基础设施理想的密封解决方案。

Colnex-SS silicone sealing cold shrink tube features a highly weather-resistant silicone material with an innovative dual-layer design and an integrated inner rubber ring, greatly enhancing waterproof, sealing, and insulation performance while overcoming the hardening issues of traditional mastic solutions. Ideal for protecting joints of coaxial cables, jumpers, DIN connectors, N-type connectors, and various cable terminations in communication base stations, Colnex-SS enables fast, tool-free installation, even in confined or fire-restricted environments. Its advanced sealing structure ensures long-lasting, reliable protection for critical communication links, making Colnex-SS the preferred choice for modern infrastructure projects.



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	/	/	-40°C to +90°C
建议储存期限 Storage life recommended	/	/	1年 1 year
抗张强度 Tensile strength	≥7.0MPa	ASTM D 412	≥9.0MPa
断裂伸长率 Elongation at break	≥800%	ASTM D 412	≥1000%
撕裂强度 Tear Strength	≥25kN/m	ASTM D 412	≥35kN/m
低温实验 Low Temperature Test	通过 Pass	IPX8/12hrs -40°C/96hrs	通过 Pass
高温实验 High Temperature Test	通过 Pass	IPX8/12hrs 70°C/96hrs	通过 Pass
温度循环测试 Temperature Cycle Test	通过 Pass	IPX8/12hrs -40°C~70°C/48hrs	通过 Pass
温度循环测试 Temperature Cycle Test	通过 Pass	IPX8/12hrs -40°C~70°C/48hrs	通过 Pass

- 创新双层结构, 内置橡胶圈, 显著提升防水密封和绝缘性能
- 采用高耐候性硅橡胶, 抗紫外、耐酸碱, 耐老化
- 无需加热或工具, 安装便捷, 适合狭小或禁火环境
- 优异的机械强度和电气性能, 长期可靠保护
- 广泛适用于通信基站同轴电缆、跳线及各类接头密封防护, 符合RoHS
- Innovative dual-layer design with built-in rubber ring for enhanced waterproof sealing and insulation
- Made of highly weather-resistant silicone rubber, UV, acid/alkali, and aging resistant
- No heating or tools required, easy and rapid installation even in confined or fire-restricted areas
- Excellent mechanical strength and electrical properties for long-lasting reliability
- Ideal for sealing and protecting coaxial cables, jumpers, and connectors in communication base stations; RoHS compliant

颜色 COLOR

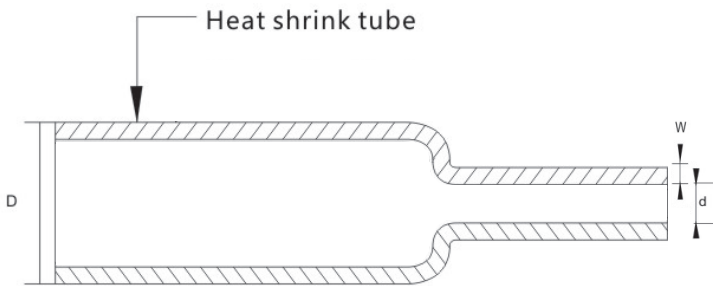


符合标准 Standards

- RoHS;

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标准壁厚 Standard wall thickness				
编号 Part No.	收缩前 As supplied (mm)	收缩后 After recovered(mm)		适用直径 Application Range (mm)
	内径 I.D. (D)	最大内径 I.D.max (d)	长度 Length	
Colnex-SS-30	30±1	8.5±2	115	10~26
Colnex-SS-40	40±1	9.5±2	140	12~36

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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