

Colnex Silicone Rubber Cold Shrink Tubing 硅橡胶冷缩管

无需加热，快速密封，硅橡胶防护  
No Heat Required, Rapid Sealing, Silicone Protection

硅橡胶冷缩管 (Colnex-SR) 采用高耐候性硅橡胶材料预扩张并安装于可拆卸支撑芯上, 安装时只需移除支撑芯, 冷缩管即可自动紧密收缩包覆于电缆接头, 为其提供高效的绝缘与密封保护。无需加热或使用工具, 极大提升施工便捷性, 尤其适用于空间有限或禁止明火操作的场合。Colnex-SR 广泛应用于通信基站电缆接头的防护, 是现代通信工程中实现快速、可靠密封的理想选择。

Colnex-SR cold shrink tube is made from highly weather-resistant silicone rubber, pre-expanded on a removable supporting core. During installation, simply remove the core and the tube instantly contracts to tightly seal cable joints, providing efficient insulation and protection. No heating or special tools are required, making the installation process fast and safe—even in confined spaces or fire-restricted environments. Connex-SR is widely used for sealing and protecting communication base station cable connectors, making it the preferred choice for rapid and reliable sealing in modern communication 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	/	/	-55°C to +200°C
建议储存期限 Storage life recommended	/	/	1年 1 year
硬度 Hardness	Shore A26	ASTM D 2240	Shore A26
抗张强度 Tensile strength	≥7.0MPa	ASTM D 412	≥7.0MPa
断裂伸长率 Elongation at break	≥840%	ASTM D 412	≥840%
撕裂强度 Tear Strength	≥35kN/m	ASTM D 412	≥35kN/m
紫外辐射暴露实验 Ultraviolet Exposing Test	通过 Pass	ASTM G 154	通过 Pass
恒定盐雾测试 Salt Spray Testing	通过 Pass	ASTM B 117	通过 Pass
回缩率 Diameter retraction shrinkage	通过 Pass	180天/80%以上 180 days/80% and more	通过 Pass

- 采用高耐候性硅橡胶, 抗紫外、耐酸碱
- 预扩张安装, 无需加热或工具, 施工快捷安全
- 优异的机械与电气性能
- 特别适用于空间有限或禁火环境
- 广泛应用于通信基站等电缆接头的快速防护, 符合RoHS
- Made of highly weather-resistant silicone rubber, UV and acid/alkali resistant
- Pre-expanded design, no heating or tools required, fast and safe installation
- Excellent mechanical and electrical properties
- Ideal for confined or fire-restricted environments
- Widely used for fast protection of communication base station cable joints, RoHS compliant

符合标准 Standards

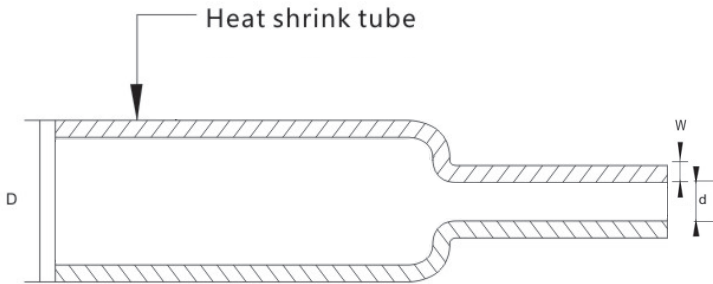
- RoHS;

颜色 COLOR



Colnex

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硅橡胶冷缩管



标准壁厚 Standard wall thickness					
编号 Part No.	规格 Size (Φ mm)	收缩前 As supplied (mm)	收缩后 After recovered(mm)		适用直径 Application Range (mm)
		最小内径 I.D.min (D)	最大内径 I.D.max (d)	长度 Length	
Colnex-SR-25	25	25	6	130	7.3~21
Colnex-SR-28	28	28	8	130	11.9~31
Colnex-SR-30	30	30	8	130	11.9~31
Colnex-SR-35	35	35	9	130	11.9~31
Colnex-SR-40	40	40	10	130	13.5~39
Colnex-SR-45	45	45	10	130	15~39

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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