

Colnex EPDM Cold Shrink End Cap
三元乙丙 (EPDM) 冷缩封帽

无需加热, 密封防潮, 电缆端头专用
No Heat Needed, Moisture Sealing, For Cable Ends

三元乙丙 (EPDM) 冷缩封帽 (Colnex-EC) 采用高耐候性EPDM橡胶材料制成, 专为电缆端头的绝缘与密封保护而设计。安装时, 无需任何工具或加热, 仅需移除支撑芯, 封帽即可自动紧密包覆于电缆端头, 即使在狭窄或禁止明火的环境中也能高效完成施工。Colnex-EC广泛适用于各类电缆端头, 能够有效防止潮气和污染, 确保电缆长期稳定运行, 是实现可靠密封防护的优选方案。

Colnex-EC EPDM cold shrink end cap is made from highly weather-resistant EPDM rubber, engineered specifically for insulation and sealing protection of cable ends. During installation, simply remove the plastic core and the end cap contracts tightly onto the cable, providing secure coverage without the need for tools or heat—even in confined or fire-restricted spaces. It is widely used for all types of cable terminations, effectively preventing moisture and contamination, and ensuring long-term operational reliability. Colnex-EC is the preferred solution for dependable sealing and insulation of cable ends.



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 +150°C
建议储存期限 Storage life recommended	/	/	1年 1 year
硬度 Hardness	Shore A46	ASTM D 2240	Shore A46
抗张强度 Tensile strength	≥9.8MPa	ASTM D 412	≥9.8MPa
断裂伸长率 Elongation at break	≥720%	ASTM D 412	≥720%
撕裂强度 Tear Strength	≥25kN/m	ASTM D 624	≥35kN/m
防霉性 Fungus Resistance	无增生 Nog rowth	ASTM G21 暴露28天	无增生 Nog rowth
吸水性 Water absorption	重量增益1.3% Wt Gain 1.3%	于90°C水中24小时 24hrs in water at 90°C	重量增益1.3% Wt Gain 1.3%

- 采用高耐候性EPDM橡胶, 抗紫外、耐酸碱
- 无需加热或工具, 安装便捷高效, 适用狭小或禁火环境
- 优异机械和电气性能, 为电缆端头提供可靠绝缘与密封
- 有效防止潮气和污染, 保障电缆长期稳定运行
- 使用寿命长, 广泛适用于各类电缆端头, 符合RoHS
- Made of highly weather-resistant EPDM rubber, UV and acid/alkali resistant
- No heating or tools required, fast and easy installation, suitable for confined or fire-restricted areas
- Excellent mechanical and electrical properties, ensures reliable insulation and sealing for cable ends
- Effectively prevents moisture and contamination, ensures long-term cable reliability
- Long service life, widely used for all cable terminations, RoHS compliant

颜色 COLOR

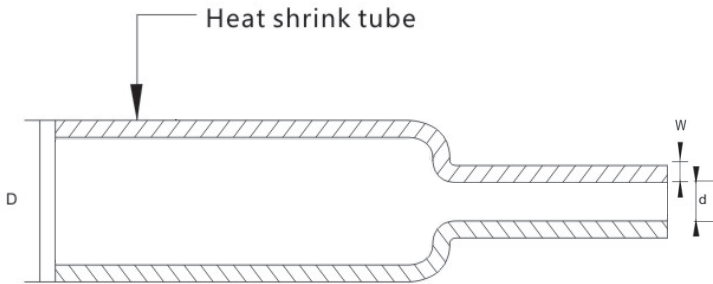


符合标准 Standards

- RoHS;

Colnex

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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)	长度 Length	
Colnex-EC-25	25	60	11.6~20.9
Colnex-EC-35	35	75	15.9~30.1
Colnex-EC-55	55	82	26~49.2
Colnex-EC-90	90	100	45.5~84.3

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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