

Colnex

EPDM Cold Shrink Tubing
三元乙丙 (EPDM) 冷缩管

无需加热, EPDM高弹防护
No Heat Required, EPDM Elastic

三元乙丙 (EPDM) 冷缩管 (Colnex-EP) 采用高耐候性EPDM橡胶制成, 通过预扩张套装于可拆卸支撑芯上。安装时, 无需加热或工具, 仅需移除支撑芯, 即可使冷缩管自动紧密包覆于电缆接头, 实现高效、便捷的密封与绝缘保护。Colnex-EP特别适用于空间受限或禁止明火操作的场所, 广泛应用于1kV以下架空、埋地电力电缆及通信基站电缆接头的密封防护, 是追求高安全性和高施工效率用户的理想选择。

Colnex-EP cold shrink tube is made from weather-resistant EPDM rubber, pre-expanded on a removable plastic core. During installation, simply remove the core, and the tube immediately contracts to form a tight, protective seal around cable joints—no heat or special tools required. This enables rapid, safe application even in confined or fire-restricted environments. Widely used for insulation and sealing of overhead or buried power cables and base station connectors under 1kV, Colnex-EP is the optimal solution for users seeking reliable protection and efficient installation.



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	≥7.5MPa	ASTM D 412	≥7.5MPa
断裂伸长率 Elongation at break	≥670%	ASTM D 412	≥670%
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%
介电强度 Dielectric strength	≥8kV/mm	ASTM D 149	≥8kV/mm

- 收缩比≈2:1
- 高耐候EPDM橡胶, 抗紫外、耐酸碱
- 无需加热或工具, 安装便捷高效
- 优异机械与电气性能
- 适用于空间受限或禁火环境, 符合RoHS
- Shrink ratio ≈ 2:1
- Weather-resistant EPDM rubber, UV and acid/alkali resistant
- No heating or tools required, fast and easy installation
- Excellent mechanical and electrical properties
- Suitable for confined or fire-restricted areas, RoHS compliant

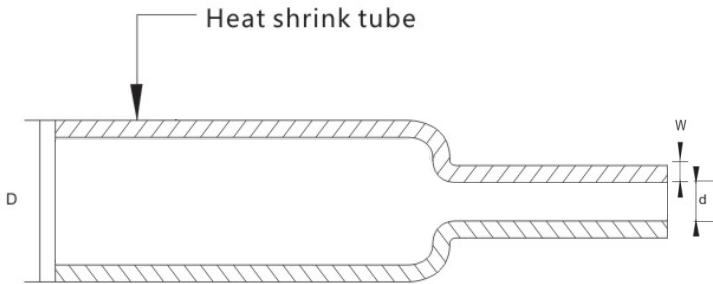
符合标准 Standards

- RoHS;

颜色 COLOR



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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)	
			最小内径 I.D.min (D)	最大内径 I.D.max (d)	长度 Length
2:1	Colnex-EP-21205	21	21	10.2	205
	Colnex-EP-30229	30	30	13.9	229
	Colnex-EP-30279	30	30	13.9	279
	Colnex-EP-36305	36	36	16.8	305
	Colnex-EP-49152	49	49	24	152
	Colnex-EP-49305	49	49	24	305
	Colnex-EP-49457	49	49	24	457
	Colnex-EP-70229	70	70	32.2	229
	Colnex-EP-70457	70	70	32.2	457

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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