

WRSJD

交聯熱收縮絕緣帶

Cross-Linked Heat Shrinkable Insulation Tape

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採用交聯聚烯烴材料和環保熱熔膠複合而成，本產品為雙層架構，外層受熱收縮，內層受熱可熔化黏連密封，使用於架空裸線，不規格母線的絕緣。

Product Introduction :

Cross Link Heat Shrink Insulation Tape adopts cross-linked polyolefin and environmental friendly heat melted adhesives that can be used for insulation, waterproof and anti-corrosion purposes.

應用領域：

1. 電纜外護層受到機械損傷、燒毀或有機溶劑侵蝕破損的局部修護。
2. 熱縮電纜中間接頭護套端口的防水密封處理。
3. 帶電裸導線的過樹防護及過隧道防冰柱短路處理。
4. 管道防腐和密封。
5. 開關櫃和電站母線排的絕緣防護處理。
6. 其他需要絕緣和密封的場所。

Application :

1. Partial Repair of the cable protective layers destroyed by mechanical, heat damage and organic corrosion of solvents.
2. Waterproof sealed at the ends of protective sleeve and among heat shrink power cable joints.
3. Protection of naked conductors and shortcut circuit caused by icicles and tree.
4. Anti-corrosion and seal of pipes.
5. Insulation of bus bars in switch gear cupboards and power stations
6. Other areas where insulations and seals are needed.

特點：

1. 自收縮率大於 30% 強化拉力效果。
2. 產品具有柔軟、絕緣、防水、防腐等作用。

Feature :

1. Self shrink rate 30% more than reinforced tensile force .
2. Designed for insulation, waterproof and anti-corrosion purposes .

工作溫度範圍：

1. 適用範圍：-45℃ ~ 105℃
2. 開始收縮溫度: 70℃、完全收縮溫度: 125℃

Temperature Range :

1. Operating Temperature : -45℃ ~ 105℃ ;
2. Shrink Temperature: Start at 70℃ ; Full recovery at 125℃ .

收縮工具：用烘箱和熱風槍加熱即可收縮。

Heating Tools : Using heating tool to let it shrink .

顏色：黑(B)、綠(G)、黃(Y)、紅(R)為基本顏色。

Standard colors : Black, Green, Yellow, and Red

收縮比(Shrink ratio) : 2 : 1

認證：符合歐盟 RoHs 環保標準

Certificate : Meet RoHS standard.



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性能特性 Technical Data

性能 Property	測試方法 Test Method	性能指標 Standard
拉伸強度 (MPa) Tensile strength	ASTM D2671	≥10.4
斷裂伸長率 (%) Elongation	ASTM D2671	≥200%
熱老化後拉伸強度(MPa) Tensile strength after aging	ASTMD 2671/ 120°C, 168H	≥10
熱老化後斷裂伸長率(%) Elongation after aging	ASTMD 2671/ 120°C, 168H	≥200%
縱向收縮率 Longitudinal Shrink Ratio	UL224	≤±10%
擊穿強度 (kv / mm) Dielectric strength	IEC 60243	≥10
體積電阻率 (Ω.cm) Volume resistivity	IEC 60093	≥1×10 ¹⁴

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交聯熱收縮絕緣帶規格

Cross-Linked Heat Shrinkable Insulation Tape Specification

規格 Size(mm)	寬度 Width(mm)	平均厚度(mm) Average W.T. (mm)	標準長度 (米 / 捲) Standard Length (M / Roll)
WRSJD-A-825	25 ± 2	0.80 ± 0.20	5 or 10
WRSJD-A-850	50 ± 4	0.80 ± 0.20	5 or 10
WRSJD-A-8100	100 ± 4	0.80 ± 0.20	5 or 10
WRSJD-A-1025	25 ± 4	1.00 ± 0.20	5 or 10
WRSJD-A-1050	50 ± 4	1.00 ± 0.20	5 or 10
WRSJD-A-10100	100 ± 4	1.00 ± 0.20	5 or 10