

ROHS2X

PVC 熱縮套管

PVC Heat shrinkable tube



熱收縮管具有透明光澤性佳、使用方便、色彩鮮艷、緣性能良好、耐衝擊...等特點。廣泛應用在電子光電業、日常用品業、園藝工具、禮品商品 DIY、食品業、醫療用品類、燈飾建材五金、鋼管、竹柄、木柄、電解電容器、電池、電感電子、匯流排做絕緣保護和分色用、化工、機械、食品、輕工業瓶口等產品的封裝使用...等。

PVC Heat shrinkable tubes have the advantages of fine transparency and luster, convenient operation, bright colors, fine insulating performance and impact resistance, etc., they are widely used for packaging in industries like electronics, photoelectric, daily commodities, gardening tools, gift DIY, food industry, medical products, lighting decorations, building materials and hardware, steel tubes, bamboo handles and wooden handles, electrolytic capacitors, batteries, induction electronics, insulation protection and color separation of bus, chemical industry, machinery and light industry, etc.

特點：

1. PVC 熱收縮管表面光滑，厚度均勻，無明顯斑點，縫線和機械損傷。
2. 直徑：用游標卡尺測量。
3. 厚度：用千分尺和校準器測量。
4. 收縮率：放入 100°C 白開水中 30 秒，收縮率 MD 垂直：12-15%TD 水平：50-55%這些是變量並受內容的限制。
5. 直線度：樣品長度：100cm，當成品的平面寬度 $\geq 5.0\text{mm}$ 時，弧線與直線的距離 $\leq 5.0\text{mm}$ ；當成品的平面寬度 $< 5.0\text{mm}$ 時，弧線與直線之間的距離 $\geq 3.0\text{mm}$ 。
6. 自然收縮率： $\geq 3\%$ （環境溫度 $\leq 30^\circ\text{C}$ ，儲存 1 年。）
7. 連續運行的溫度範圍：105°C
8. 耐壓：300V

Feature：

1. PVC Heat shrinkable tubes are provided with smooth surface, even thickness and are free of obvious spots, seam lines and mechanical damages. Diameter: measured with digital vernier calibers.
2. Thickness: measured with digital micrometer and calibrator.
3. Shrinkage ratio: put in 100°C boiled water for 30seconds, Shrinkage ratio MD vertical: 12-15% ; TD Horizontal : 50-55% , Those are variables and are subject to the contents.
4. Straightness: sample length: 100cm .
5. When the flat width of the finished product $\geq 5.0\text{mm}$, the distance between the arc and the straight line $\leq 5.0\text{mm}$, When the flat width of the finished product $< 5.0\text{mm}$, the distance between the arc and the straight line $\geq 3.0\text{mm}$.
6. Natural Shrinkage Ratio: $\geq 3\%$ (Ambient temperature $\leq 30^\circ\text{C}$, stored for 1 year.)
7. Temperature range for continuous operation: 105 °C
8. Voltage endurance: 300V

性能特性 Technical Data：

Category	單位 unit	特性 Properties
扁徑 Flat width	mm	5~200
厚度 Thickness	mm	0.08
收縮 Shrinkage	%	M/D 8~12 ; T/D 45~50
外觀 Appearance	-	Clear/Color
Appearance(insolubility)	mm^2	≤ 0.7
收縮率 Flexibility(200mm)	mm	Below $\Phi 8 < 3.0$; Below $\Phi 10 < 3.5$
比重 Specific gravity	kg/L	1.3~.4
斷裂強度 Breaking strength	N/m^2	$3.0 \times 10^7 \sim 6.2 \times 10^7$
破裂強度 Breaking flexibility	%	175~275
拉力 Pulling strenght	N/mm	60~20
吸水率 Water absorbed ratio	%	$< 2.0\%$
絕緣斷裂強度 Insulating breaking strength	KV/mm	> 80
表面電阻 Surface resistance	Ω	$> 10^9$
體積電阻 Volume resistance	$\Omega \cdot \text{cm}$	$> 10^{14}$
工作溫度 Operating temperature	$^\circ\text{C}$	$-10^\circ\text{C} \sim +105^\circ\text{C}$

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PVC 熱縮套管產品規格

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產品名稱 Item No.	折扁徑 Flat diameter (mm)	圓徑 Diameter Φ	適用範圍 Application Range(mm)	標準包裝 Standard Package 米/捲 M/spool
ROHS2X-A-3.2B	5	3.2	5~3	100
ROHS2X-A-4.1B	6.5	4.1	6.5~3.6	100
ROHS2X-A-5.2B	8.5	5.2	8.5~4.5	100
ROHS2X-A-6.3B	10	6.3	10~5.5	100
ROHS2X-A-7.6B	12	7.6	12~6.5	100
ROHS2X-A-10B	15	10	15~5.8	100
ROHS2X-A-13B	20	13	20~11	100
ROHS2X-A-19B	30	19	30~16	100
ROHS2X-A-25B	40	25	40~22	100
ROHS2X-A-32B	50	32	50~28	100
ROHS2X-A-38B	60	38	60~33	100
ROHS2X-A-44B	70	44	70~37	100
ROHS2X-A-50B	80	50	80~42	100
ROHS2X-A-57B	90	57	90~50	100
ROHS2X-A-63B	100	63	100~55	100
ROHS2X-A-76B	120	76	120~65	100
ROHS2X-A-95B	150	95	150~90	100
ROHS2X-A-108B	170	108	170~94	100
ROHS2X-A-115B	180	115	180~100	100
ROHS2X-A-120B	190	120	190~105	100
ROHS2X-A-127B	200	127	200~110	100