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TECHNICAL DATA SHEET OF HEAT SHRINK TUBE WITH GLUE

NO1. Product Introduction:

3: 1 Environment Friendly Dual Wall Heat Shrinkable Tube

本证书适用于电线连接、电线端部处理、焊点保护、线束标识、电阻电容的绝缘保护、健身器材零件和钢结构表面防护、金属棒或管材的防锈防腐蚀处理、电线和其它产品的标识等用途。

使用条件:

1.连续使用的环境温度 -45℃~125℃。

2.可在酸、碱条件下长期使用。

3.可在环保要求严格的条件下长期使用。

热收缩性能:

起始收缩温度70℃; 完全收缩温度125℃。

This recognition applies to wire connection, wire end treatment, solder joint protection, wire harness identification, resistance and capacitor insulation protection

Protection, Fitness equipment parts and steel structure surface protection, metal rod or pipe rust and corrosion treatment, wire and other products

Product identification and other uses.

Conditions of use:

1. Ambient temperature for continuous use: -45 ° C to 125 ° C.

2. It can be used for a long time under acid and alkali conditions.

3. It can be used for a long time under strict environmental protection requirements.

Thermal shrinkage performance:

The initial shrinkage temperature is 70°C; Full shrinkage temperature 125°C.

性能特性

3: 1 Environment Friendly Dual Wall Heat Shrinkable Tube Characters

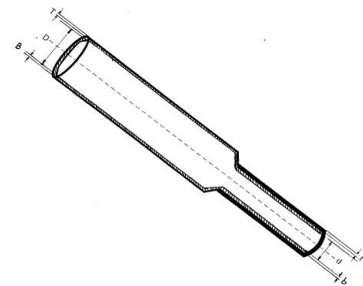
性 能 PROPERTY	测试方法 TEST METHOD	性能指标 Stantard
拉伸强度 (MPa) Tensile Strength (MPa)	ASTM D 2671	≥ 12
断裂伸长率 (%) Elongation (%)	ASTM D 2671	≥ 300
热老化后拉伸强度 (MPa) Tensile Strength after aging (MPa)	UL224 158°C×168h	≥ 7.3
热老化后断裂伸长率 (%) Elongation at Break after aging (%)	UL224 158°C×168h	≥ 200
击穿强度 (KV/mm) Dielectric strength (KV/mm)	IEC 243	≥ 15
体积电阻率 ($\Omega \cdot m$) Volume resistance ($\Omega \cdot m$)	IEC 93	$\geq 1 \times 10^{14}$

材 质material: (1) EVA; (2)热熔胶(hot-melt adhesive)

热熔胶特性

Hot Melting Adhesive Property

性 能 PROPERTY	测试方法 TEST METHOD	性能指标 Stantard
吸水率 Water Absorption	ASTM-D570	$< 0.2\%$
软化点 Vicat Softening Point	ASTM-E8	95°C
剥离强度 (PE) Peel Strength (PE)	ASTM-D1000	120N/25m
剥离强度 (AL) Peel Strength (AL)	ASTM-D1000	80N/25m



NO 3. Flame-Retardant Heat-Shrinkable Dual-Wall Tube Standart Sizes B. S-905(3X)								
ITEM SPEC.	收缩前尺寸(mm) As Supplied ID	收缩后尺寸 (mm) After Recovery				包装标准		适用范围 Application Range (mm)
						Standard Package		
						米/盘 m/spool	米/根 m/pc	
		最小内径 Min I.D.	最大内径 Max I.D.	总壁厚 Total W.T.	平均胶层壁厚 Adhesive thickness			
Φ 1.6	≥1.6	≤0.60	0.65±0.15	0.30±0.10	200	—	0.6-1.5	
Φ 2.4	≥2.4	≤1.0	0.70±0.15	0.35±0.10	200	—	1.0-2.3	
Φ 3.2	≥3.2	≤1.30	0.90±0.30	0.40±0.20	200	—	1.3-3.1	
Φ 4.8	≥4.8	≤1.70	1.05±0.30	0.40±0.20	100	—	1.8-4.6	
Φ 6.4	≥6.4	≤2.50	1.25±0.30	0.45±0.20	100	—	2.5-6.4	
Φ 7.9	≥7.9	≤2.80	1.30±0.30	0.45±0.20	100	—	2.9-7.7	
Φ 9.5	≥9.5	≤3.20	1.45±0.30	0.50±0.20	50	1.22	3.4-9.4	
Φ 10.5	≥10.5	≤3.60	1.45±0.30	0.50±0.20	50	1.22	3.8-10.4	
Φ 12.7	≥12.7	≤4.60	1.70±0.30	0.50±0.20	50	1.22	4.8-12.5	
Φ 15.0	≥15.0	≤5.60	1.80±0.30	0.55±0.30	25	1.22	5.8-14.8	
Φ 19.1	≥19.1	≤6.80	1.95±0.30	0.60±0.30	25	1.22	7.0-18.8	
Φ 25.4	≥25.4	≤9.50	2.05±0.40	0.60±0.30	25	1.22	9.7-25.0	
Φ 30.0	≥30.0	≤12.00	2.20±0.40	0.65±0.30	25	1.22	12.3-30.0	
Φ 39.0	≥39.0	≤15.00	2.50±0.40	0.75±0.30	25	1.22	15.5-39.0	
Φ 50.0	≥50.0	≤19.00	2.80±0.40	0.90±0.30	25	1.22	19.5-49.0	
Φ 60.0	≥60.0	≤23.00	2.80±0.40	1.0±0.30	25	1.22	23.5-58.0	
Φ 70.0	≥70.0	≤24.00	2.80±0.40	1.05±0.40	25	1.22	24-70	
Φ 75.0	≥75.0	≤25.00	2.95±0.50	1.05±0.40	25	1.22	26.0-72.0	
Φ 80.0	≥80.0	≤27.00	2.90±0.50	1.05±0.40	25	1.22	27.0-78.0	
Φ 90.0	≥90.0	≤33.00	2.90±0.50	1.05±0.40	25	1.22	35.0-88.0	
Φ 100.0	≥100	≤34.00	3.10±0.50	1.0±0.40	25	1.22	35-100	
Φ 125.0	≥125	≤42.00	3.65±0.50	1.20±0.40	25	1.22	43-125	
Φ 130.0	≥130	≤44.00	3.65±0.50	1.20±0.40	25	1.22	45-130	

C. S-905(4X)

Size	As Supplied		After Recovery		
	Min ID	Nominal Wall Thickness	Max ID	Total Wall Thickness	Nominal
					Adhesive Wall
mm	mm	mm	mm	mm	mm
4	4	0.40±0.20	1	1.00±0.35	0.5
6	6	0.40±0.20	1.5	1.10±0.35	0.5
8	8	0.40±0.20	2	1.10±0.40	0.5
12	12	0.50±0.30	3	1.40±0.50	0.61
16	16	0.60±0.30	4	1.78±0.60	0.76
24	24	0.75±0.40	6	2.25±0.60	0.76
32	32	0.80±0.40	8	2.54±0.70	1.02
52	52	0.80±0.40	13	2.54±0.70	1.02
72 (75mm)	72	0.80±0.40	18	2.54±0.70	1.02
95	95	0.80±0.40	25	2.54±0.70	1.02

Remarks:

- 1.Wall thickness include adhesives.
2. Other sizes are available upon special order.
3. Standard Black, Special colors available on request.

