



C101 Non-tracking Heat Shrinkable Tubing

Features

- Cross-linked polyolefin and silicone rubber
- Protect against accidental flashback
- Adhesive lined or without adhesive optional
- Excellent tracking and creeping resistance
- Operating temperature: -55~105 °C
- Shrink temperature: 125 °C
- Voltage class: 5~35 KV
- Halogen free, flame retardant

Technical Data

Property		Test Method	Values	
Physical	Tensile strength	ASTM D2671	≥20 MPa	
	Breakdown elongation	ASTM D2671	≥450%	
Aging (136°C/168hrs)	Tensile strength	ASTM D2671	≥16 MPa	
	Breakdown elongation	ASTM D2671	≥360%	
	Water absorption (23°C/336hrs)	ASTM D570	≤0.5%	
	Density	ASTM D2671	1.10~1.20	
	Low temperature flexibility(-40°C/4hrs)	ASTM D2671	No cracking	
	Heat shock (250°C/30mins)	ASTM D2671	No drop, No flow, No cracking	
	Thermal endurance	IEC 216	105°C	
	Halogen free	IEC 61249-2-21	Cl:900ppm max.Br:900ppm max. Total (Cl + Br) : 1500ppm max.	
	Electrical	Volume resistivity	ASTM D2671	≥10 ¹³ Ω.cm
		Dielectric strength (in insulation oil)	ASTM D2671	≥15 kV/mm
Tracking and erosion resistance		ASTM D 2303	After 1hr at 2.5 kV	
			and 1hr at 2.75 kV	
	and 1hr at 3.00 kV			
	and 20mins at 3.25 kV Pass			
Chemical	Flammability	ASTM D2863	OI≥ 25	
	Color fastness to light	IEC 60684-3	Compare between exposed	
			and unexposed parts	
			the color does not change	

Dimensions

Reference UPM C101	As supplied(mm) ID min.	After recovered(mm) ID max. WT nom.	Standard length m
19/6	19	6	2.5
30/10	30	10	3.0
35/12	35	12	3.0
40/16	40	16	3.0
45/18	45	18	3.0
54/24	54	24	3.0
60/29	60	29	3.0
76/38	76	38	3.0
100/49	100	49	3.0

- ID=Internal Diameter
- WT=Wall Thickness

Typical application

- Suitable for indoor & outdoor applications
- Ideal for external insulation and protection of power cable termination

Ordering

- Standard color : Red
- Standard packaging is 1.22m/pc or 15m/spool
- Please provide specification, quantity when ordering

Cross reference

- Raychem/ Tyco : HVOT



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