



C102 Stress Control Heat Shrink Tube

Features

- Cross-linked polyolefin
- Effective electrical stress control tubing
- Voltage class: 5~25 KV
- Operating temperature: -55~105 °C
- Shrink temperature: 125 °C
- Shrink ratio: 2:1

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥ 14 MPa
	Breakdown elongation	ASTM D2671	≥ 350%
Aging (136°C/168hrs)	Tensile strength	ASTM D2671	≥ 10 MPa
	Breakdown elongation	ASTM D2671	≥ 250%
	Thermal endurance	IEC 216	105 °C
	Water absorption (23°C/336hrs)	ASTM D570	≤ 1%
	Density	ASTM D2671	1.3~1.4
	Low temperature flexibility(-40°C/4hrs)	ASTM D2671	No cracking
	Heat shock (200°C/30mins)	ASTM D2671	No splitting
	Dielectric constant	IEC 250	≥ 20
Electrical	Volume resistivity	ASTM D2671	≥ 10 ¹⁰ Ω.cm
	Loss factor(50Hz)	IEC 250	1.0 max.(1000V)
	Dielectric constant stability	15000hrs	≥ 15

Dimensions

Shrink ratio 2:1

Reference UPM C102	As supplied(mm) ID min.	After recovered(mm) ID max. WT nom.	Standard length m
16/8	16	8 1.8	1.22
20/10	20	10 1.9	1.22
26/12	26	12 2.3	1.22
30/15	30	15 2.4	1.22
35/17	35	17 2.4	1.22
45/20	45	20 2.6	1.22
50/25	50	25 2.7	1.22
65/30	66	30 3.1	1.22
95/45	95	45 3.4	1.22

- ID=Internal Diameter
- WT=Wall Thickness

Typical application

- Ideal for external insulation and protection of power cable termination and joint up to 25 KV

Ordering

- Standard color : Black
- Standard packaging is 1.22m/pc
- Please provide specification, quantity when ordering

Cross reference

- Raychem/ Tyco: JSCR



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