

Power Cable Accessories

C102-10 6~24kV Stress Control Heat Shrink Tube

Introduction

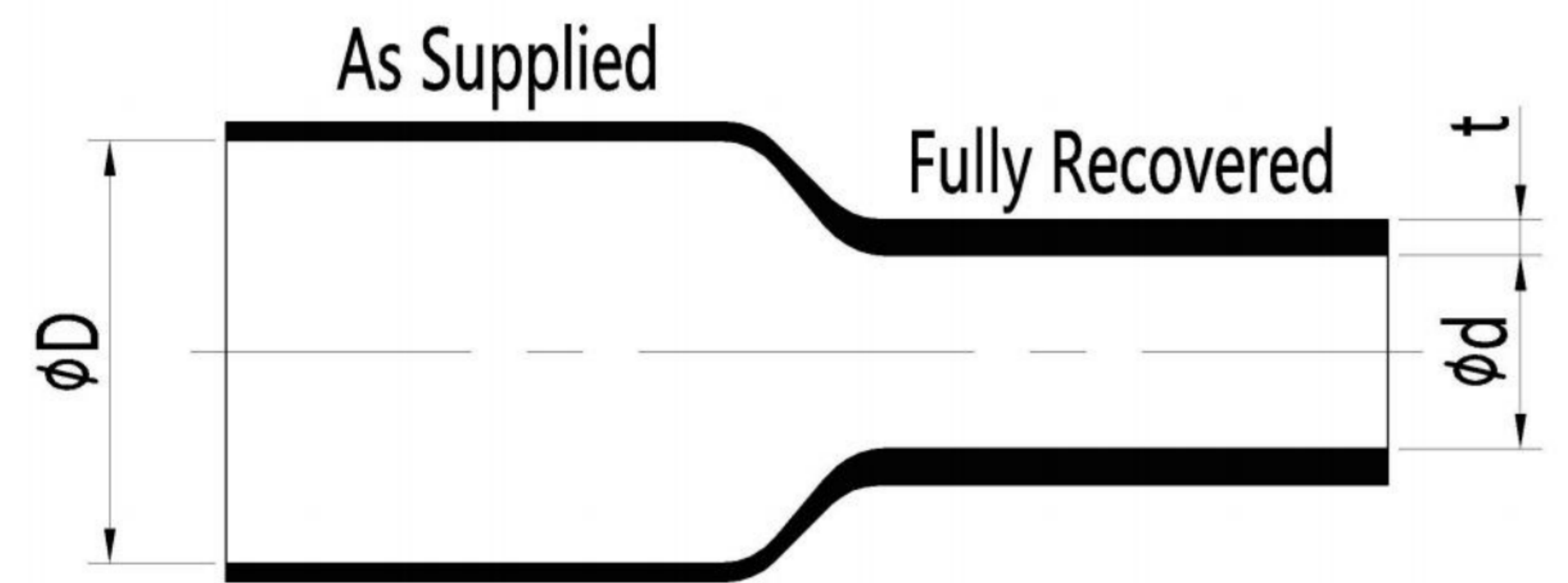
Stress control heat shrink tube. Electrical stress control protection of power cable termination and joint under 6~24kV.

Features

- Operating temperature: -55 to 105°C
- Minimum fully recovery temperature: 125°C
- Voltage class: 6kV ~ 24kV
- Effective electrical stress control
- Shrink ratio: 2.5:1
- Standard Color: Black

Dimension

Part No. C102-10	As supplied(mm)	After recovered (mm)		Standard length (m/pc)
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t (nom.)	
26/10	26	10	2.6	1.0~1.5
30/12	30	12	2.7	1.0~1.5
35/14	35	14	2.8	1.0~1.5
40/16	40	16	3.0	1.0~1.5
47/18	47	18	3.0	1.0~1.5
55/21	55	21	3.0	1.0~1.5
65/24	65	24	3.0	1.0~1.5
85/30	85	30	3.2	1.0~1.5
95/45	95	45	3.0	1.0~1.5



Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥12 MPa
Ultimate Elongation	ASTM D2671	≥300%
Heat Aging (136°C/168h)	ASTM D2671	
Tensile Strength		≥ 10 MPa
Ultimate Elongation		≥ 250%
Water absorption (23°C/24h)	ASTM D2671	≤0.5%
Low-temperature flexibility (-40°C/4h)	ASTM D2671	No cracking
Heat shock (200°C/4h)	ASTM D2671	No splitting
Volume resistivity	ASTM D2671	≥ 1×10 ¹¹ Ω.cm
Dielectric constant	IEC 62631-2-1	10~25
Loss factor(50Hz)	IEC 62631-2-1	≤ 1.0 (1000V)