

## Power Cable Accessories

### C102-35 36kV Stress Control Heat Shrink Tube

#### Introduction

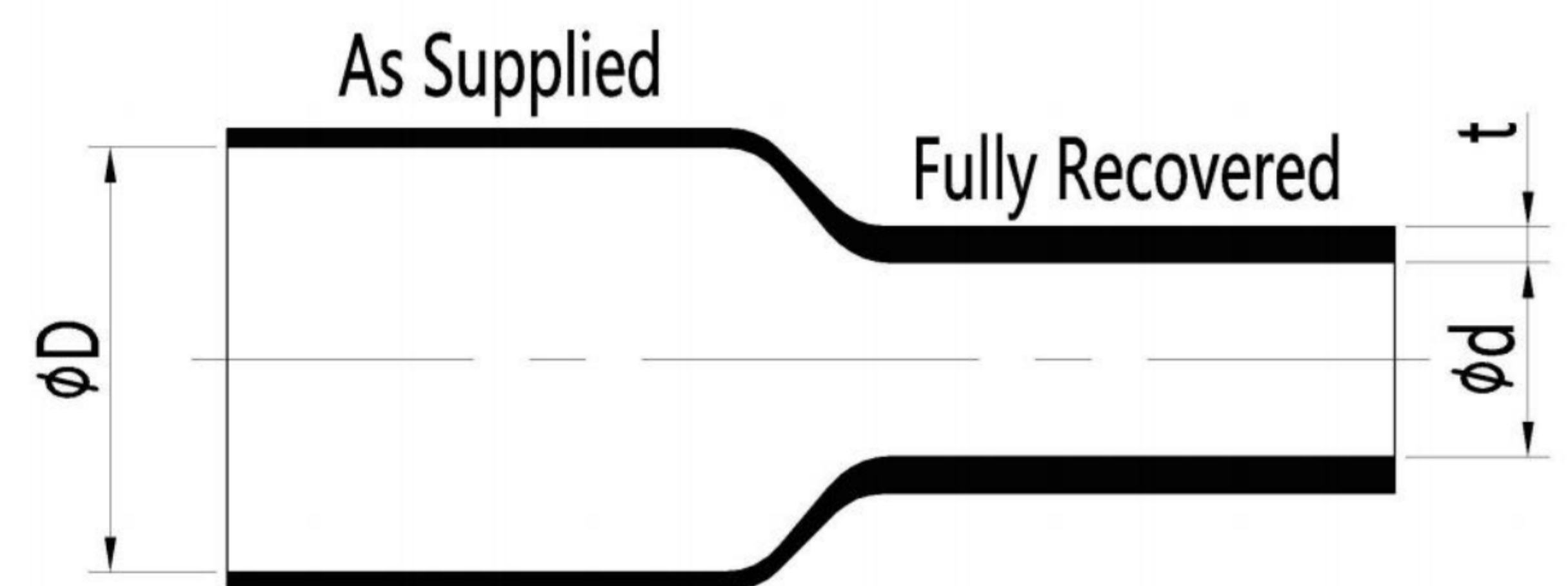
Stress control heat shrink tube. Electrical stress control protection of power cable termination and joint under 36kV.

#### Features

- Operating temperature: -55 to 105°C
- Minimum fully recovery temperature: 125°C
- Voltage class: 36kV
- Effective electrical stress control
- Shrink ratio: 2.5:1
- Standard Color: Black

#### Dimension

Part No. C102-35	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	2.7	1.0~1.5
30/12	30	12	2.8	1.0~1.5
35/14	35	14	2.9	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	3.1	1.0~1.5
65/24	65	24	3.2	1.0~1.5
85/30	85	30	3.4	1.0~1.5
95/45	95	45	3.2	1.0~1.5



#### Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	$\geq 12$ MPa
Ultimate Elongation	ASTM D2671	$\geq 300\%$
Heat Aging (136°C/168h)	ASTM D2671	
Tensile Strength		$\geq 10$ MPa
Ultimate Elongation		$\geq 250\%$
Water absorption (23°C/24h)	ASTM D2671	$\leq 1.0\%$
Low-temperature flexibility (-40°C/4h)	ASTM D2671	No cracking
Heat shock (200°C/4h)	ASTM D2671	No splitting
Volume resistivity	ASTM D2671	$\geq 1 \times 10^9 \Omega \cdot \text{cm}$
Dielectric constant	IEC 62631-2-1	25~50
Loss factor(50Hz)	IEC 62631-2-1	$\leq 1.0$ (1000V)