

## C101 Non-tracking Heat Shrink Tube

### Introduction

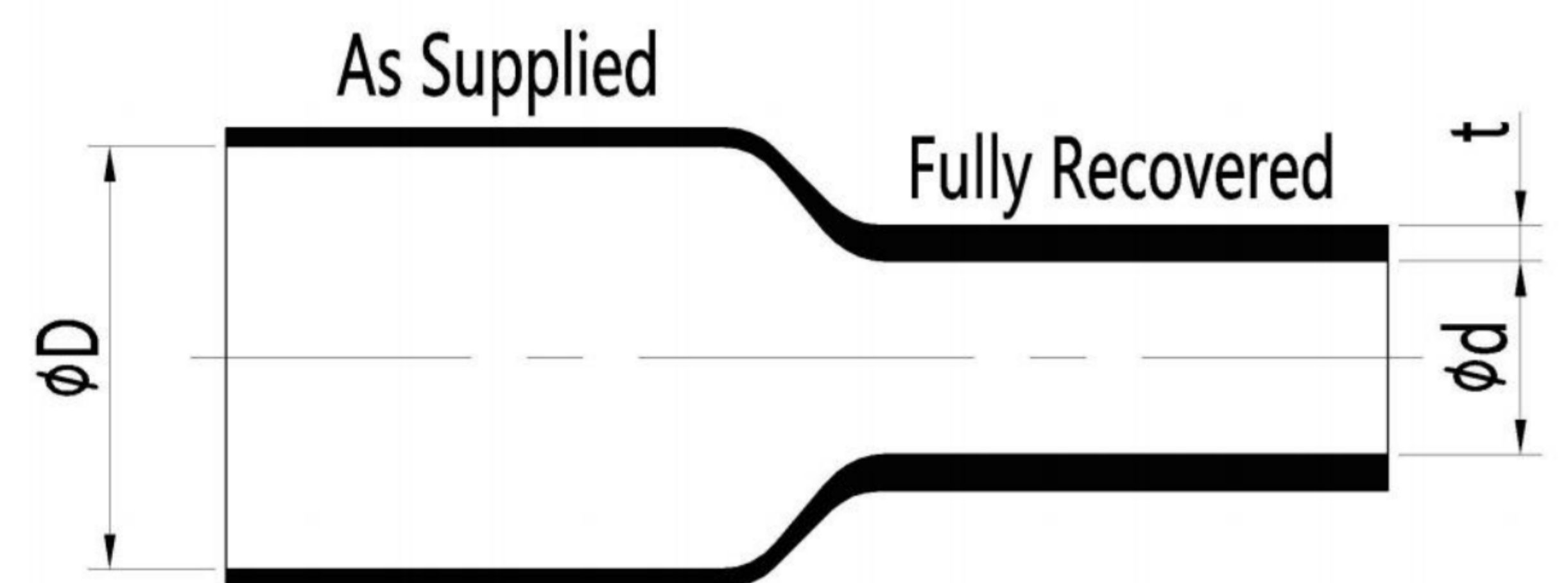
Cross-linked polyolefin, with or without adhesive liner. Excellent resistance to electrical tracking and creeping corrosion. Suitable for insulation protection of indoor and outdoor power cable terminations or joints.

### Features

- Operating temperature: -55 to 105°C
- Minimum fully recovery temperature: 125°C
- Halogen-free, RoHS compliant, Flame-retardant
- Standard Color: Red, Other colors optional
- Single or Dual wall optional
- Shrink ratio: 2:1 & 3:1
- Voltage class: 6kV ~ 36kV

### Dimension

Part No. C101	As supplied (mm)	After recovered (mm)		Standard length (m/pc or m/roll)
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t (nom.)	
19/6	19	6	2.5	1.22/15
30/10	30	10	3.0	1.22/15
38/12	38	12	3.0	1.22/15
40/16	40	16	3.0	1.22/15
45/18	45	18	3.0	1.22/15
55/21	55	21	3.0	1.22/15
65/28	65	28	3.0	1.22/15
75/36	75	36	3.0	1.22
85/40	85	40	3.2	1.22
100/40	100	40	3.6	1.22
130/50	130	50	3.7	1.22



### Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	$\geq 8$ MPa
Ultimate Elongation	ASTM D2671	$\geq 200\%$
Secant modulus 2%	ASTM D2671	$\leq 170$ MPa
Heat Aging (150°C/168h)	ASTM D2671	
Tensile Strength		$\geq 8$ MPa
Ultimate Elongation		$\geq 100\%$
Water absorption (23°C/24h)	ASTM D2671	$\leq 0.5\%$
Low-temperature flexibility (-40°C/4h)	ASTM D2671	No cracking
Heat shock (200°C/4h)	ASTM D2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	$\geq 15$ kV/mm
Volume resistivity	ASTM D2671	$\geq 1 \times 10^{12} \Omega \cdot \text{cm}$
Tracking and erosion resistance	ASTM D2303	After 1hr at 2.5kV, and 1hr at 2.75kV, and 1hr at 3.00kV, and 20mins at 3.25kV. No burn penetration, no sustained burning
Flammability	ASTM 2863	OI $\geq 25$
Color fastness to light	IEC 60684-3	No visible change