

# Medium and Heavy Wall Heat Shrink

## S4 6:1 High Shrink Ratio Heat Shrink Tube

### Application

Cross-linked polyolefin, with or without adhesive liner. High shrinkage rate 6:1. Suitable for insulation and protection of irregular wire and cables in cable joints, cable terminations and electrical components.

### Feature

- Operating temperature: -55 to 105°C
- Minimum fully recovery temperature: 125°C
- Shrink ratio: 6:1
- Halogen-free, RoHS compliant
- Single or Dual wall optional
- Standard Color: Black



### Dimension

Part No. S4	As supplied(mm)		After recovered(mm)		Standard length (m/pc)
	Inner diameter D (min.)		Inner diameter d (max.)	Wall thickness t (nom.)	
19/3.2	19		3.2	3.3	≤1.22
33/5.5	33		5.5	3.8	≤1.22
45/7.5	45		7.5	4.2	≤1.22
55/9.2	55		9.2	4.7	≤1.22
66/11	66		11.0	5.0	≤1.22
76/12.7	76		12.7	5.0	≤1.22
87/14.5	87		14.5	5.2	≤1.22
115/19.2	115		19.2	5.4	≤1.22
160/26.6	160		26.6	5.8	≤1.22
178/29.6	178		29.6	6.0	≤1.22
235/40	235		40.0	6.5	≤1.22

### Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥ 14 MPa
Ultimate Elongation	ASTM D2671	≥ 400%
Heat Aging (136°C/168h)	ASTM D2671	
Tensile Strength		≥ 10 MPa
Ultimate Elongation		≥ 300%
Water absorption (23°C/24h)	ASTM D2671	≤ 0.3%
Low-temperature flexibility (-55°C/4h)	ASTM D2671	No cracking
Heat shock (200°C/4h)	ASTM D2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥ 15 kV/mm
Volume resistivity	ASTM D2671	≥ 1.0 × 10 <sup>14</sup> Ω · cm

