



S4 6:1 High Shrink Ratio Tubing for cable joints

Features

- Heavy wall semi-rigid cross-linked polyolefin
- With or without adhesive liner
- Effective insulating over large transitions.
- Halogen free
- Operating temperature: -55~135°C
- Shrink temperature: 135°C
- High Shrink ratio: 6:1

Dimensions

Reference UPM S4	As supplied(mm) ID min.	After recovered(mm) ID max.	WT nom.	Standard length m
19.0/3.2	19	3.2	3.8	1.22
33.0/5.5	33	5.5	4.5	1.22
45.0/7.5	45	7.5	5.0	1.22
55.0/9.2	55	9.2	5.0	1.22
66.0/11.0	66	11.0	5.5	1.22
76.0/12.7	76	12.7	5.5	1.22
87.0/14.5	87	14.5	5.5	1.22
115.0/19.2	115	19.2	5.5	1.22
160.0/26.6	160	26.6	5.5	1.22
178.0/29.6	178	29.6	6.0	1.22
235.0/40.0	235	40.0	6.0	1.22

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥14 MPa
	Breakdown elongation	ASTM D2671	≥600%
Aging (158°C /168hrs)	Tensile strength	ASTM D2671	≥14 MPa
	Breakdown elongation	ASTM D2671	≥400%
	Water absorption	ASTM D570	≤0.3%
	Density	ASTM D2671	0.95~1.05
	Low temperature flexibility(-55°C/4hrs)	ASTM D2671	No cracking
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow(outer layer only)
	Hardness(Shore D)	ASTM D2671	≥42 HD
	Adhesive softening point	ASTM E28	≥85°C
	Adhesive peel strength to XLPE	ASTM D2671	110N/25cm
	Adhesive peel strength to steel	ASTM D2671	80 N/25cm
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D2671	≥15 KV/mm

- ID=Internal Diameter
- WT=Wall Thickness

Typical application

- Ideal for insulating and protecting irregular shaped cables connectors and components.

Ordering

- Standard color : Black
- Standard product : adhesive lined tubes and tubes without adhesive are both available
- Standard packaging is 1.22m/pc
- Please specify specification, quantity when ordering

Cross reference

- Raychem/ Tyco :HRHT /HRSR