



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: -55~105 °C
- Shrink temperature: 135 °C
- High Shrink ratio: 6:1

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

Dimensions

Shrink ratio 6:1

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

Typical application

- Ideal for insulating and protecting irregularly 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 provide specification, quantity when ordering

Cross reference

- Raychem/ Tyco :HRHT /HRSR



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