



S3(h) Heavy wall Flame Retardant Heat Shrink Tube

Features

- Heavy wall cross-linked polyolefin
- Thermal melt adhesive liner
- High resistance to abrasion and impact
- Flame retardant VW-1
- Operating temperature: -55~105°C
- Shrink temperature: 135°C
- Shrink ratio: 3:1

Approvals

- CCS
- UL486D
- DNV
- File No. E 354671

Dimensions

Shrink ratio 3:1

Reference UPM S3(h)	As supplied(mm) ID min.	After recovered(mm) ID max. WT nom.	Standard length m
9/3	9	3 2.6	1.22
12/4	12	4 2.8	1.22
16/5	16	5 3.0	1.22
19/6	19	6 3.0	1.22
22/6	22	6 3.25	1.22
25/8	25	8 3.25	1.22
28/6	28	6 3.25	1.22
33/8	33	8 3.25	1.22
35/12	35	12 3.95	1.22
40/12	40	12 3.95	1.22
45/13	45	13 3.95	1.22
55/16	55	16 4.05	1.22
65/19	65	19 4.05	1.22
75/22	75	22 4.05	1.22
85/25	85	25 4.05	1.22
95/25	95	25 4.05	1.22
105/30	105	30 4.05	1.22
115/34	115	34 4.05	1.22
130/36	130	36 4.05	1.22
140/42	140	42 4.05	1.22
160/50	160	50 4.05	1.22
175/58	175	58 4.05	1.22
200/65	200	65 4.05	1.22
230/75	230	75 4.05	1.22
260/85	260	85 4.05	1.22

Technical Data

Technical Data				
	Property	Test Method	Values	
Physical	Tensile strength	ASTM D2671	≥10.4 MPa	
	Breakdown elongation	ASTM D2671	≥350%	
Aging (158°C/168hrs)	Tensile strength	ASTM D2671	≥10.4 MPa	
	Breakdown elongation	ASTM D2671	≥300%	
	Water absorption (23°C/336hrs)	ASTM D570	≤0.5%	
	Density	ASTM D2671	1.2~1.3	
	Low temperature flexibility(-40°C/4hrs)	ASTM D2671	No cracking	
	Heat shock (250°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	
	Peel strength to XLPE	ASTM D2671	110 N/25cm	
	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
Chemical	Flammability	UL224	VW-1	

- ID=Internal Diameter
- WT= Wall Thickness

Typical application

- Ideal for outdoor electrical equipment and connections in wet and underground environments such as marine vessels, off-shore oil platform, shipyard and harbor.

Ordering

- Standard color : Black
- Special colors (e.g. Red) are available on request
- Standard product is adhesive lined, tubes without adhesive are available on request.
- Standard packaging is 1.22m/pc
- Please provide specification, color, and quantity when ordering

Cross reference

- Raychem/ Tyco :FCSM/SST-FR



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