



S3TV Halogen Free Heat Shrink Tube for CATV industry

Features

- Dual wall cross-linked polyolefin
- Thermal melt adhesive liner
- Excellent sealing, insulation, protection property
- Thermo-chromatic paint changes color for proper installation
- Operating temperature: -55~110°C
- Shrink temperature: 125°C
- Shrink ratio: 3:1
- Halogen free

Dimensions

Reference UPM S3TV	As supplied(mm) ID min.	After recovered(mm) ID max.	WT nom.	Standard length m
0400	12	4	2.0	1.22
0750	19	6	2.5	1.22
1100	28	9	2.5	1.22
1300	33	10	2.2	1.22
1500	38	12	2.5	1.22
1700	43	12	2.5	1.22
2050	55	16	2.7	1.22
2750	75	22	3.0	1.22

• ID=Internal Diameter

• WT=Wall Thickness

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥12 MPa
	Breakdown elongation	ASTM D2671	≥400%
Aging (150℃ /168hrs)	Tensile strength	ASTM D2671	≥12 MPa
	Breakdown elongation	ASTM D2671	≥350%
	Water absorption	ASTM D570	≤0.5%
	Density	ASTM D2671	1.05~1.10
	Low temperature flexibility(-55℃/4hrs)	ASTM D2671	No cracking
	Heat shock (200℃/4hrs)	ASTM D2671	No drop, No flow(outer layer only)
	Hardness(Shore D)	ASTM D2671	≥48 HD
	Adhesive softening point	ASTM E28	≥85℃
	Adhesive peel strength to XLPE	ASTM D2671	110 N/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
Chemical	Fungus resistance	ASTM G21	No growth
	Copper corrosion	ASTM D2671	No corrosion

Typical application

- Ideal for sealing, insulation, protection of CATV connections including cable splices, splitters and taps

Ordering

- Standard color : Black
- Standard product is adhesive lined and with thermo-chromatic paint.
- Standard packaging is 1.22m/pc
- Please specify specification, quantity when ordering

Cross reference

- Raychem/ Tyco : TCS2



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