

S3TV Halogen Free Heat Shrink Tube for CATV Industry

Introduction

Cross-linked polyolefin, with adhesive liner, with or without heat sensitive paint. Excellent sealing insulation and mechanical protection of the CATV cable splices splitters and taps.

Features

- Operating temperature: -55 to 110°C
- Shrink ratio: 3:1 & 4:1
- Minimum fully recovery temperature: 125°C
- Halogen-free, RoHS compliant
- Standard Color: Black, Other colors optional
- Single or Dual wall optional

Dimension

Part No. S3TV	As supplied(mm)	After recovered (mm)		Standard length (m/pc)
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t (nom.)	
12/4	12	4	2.0	1.22
19/6	19	6	2.5	1.22
28/9	28	9	2.5	1.22
33/10	33	10	2.2	1.22
38/12	38	12	2.5	1.22
43/12	43	12	2.5	1.22
55/16	55	16	2.7	1.22
75/22	75	22	3.0	1.22

Colors: Black (standard), Red (-2), Yellow (-4), Green (-5), Blue (-6), White (-9) optional

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		≥ 12 MPa
Ultimate Elongation		≥ 350%
Water absorption (23°C/24h)	ASTM D2671	≤ 0.5%
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	≥ 1×10 ¹⁴ Ω.cm
Fungus Resistance	ASTM D2671	Not less than rate 1
Copper corrosion (150°C/16h)	ASTM D2671	No corrosion
Adhesive liner:	ASTM D2671	
Peel strength to XLPE		≥ 100N/25mm
Peel strength to steel		≥ 80 N/25mm

