

Heat Shrink Tubing for Fiber Optic Closures



Model: HSTFC

Description

Medium wall heat shrinkable tube for fiber optic closure (terminal box) is with a layer of spiral coated hot melt adhesive in the internal surface. Out layer provide reliable protection. High quality hot melt adhesive provide excellent watertight and prevent leaking from terminal box.

Features

- >Resistant to UV-radiation
- >High electrical insulation
- >Superior mechanical property
- > Temperature sensitive paint for easy operation
- > One inside end without adhesive for fixing cable position
- > Chemical Resistant to Liquid of 70% Isooctane and 30% Toluene for 168 hours (70/30, Isooctane/Toluene)

Operating temperature range:

- >Operating temperature: -55°C~110°C
- >Minimum shrink temperature: 80°C
- >Minimum fully recovery temperature: 120°C

Technical Data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +110°C
Tensile strength	ASTM D 2671	≥14Mpa
Tensile strength after aging (150°C/168hrs.)	ASTM D 2671	≥12MPa
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging (150°C/168hrs.)	ASTM D 2671	≥300%
Density	ASTM D 792	1.05g/cm ³
Longitudinal shrinkage	UL 224	0 to -10%
Dielectric strength	IEC 243	≥20kV/mm
Volume resistance	IEC 93	>10 ¹⁴ Ω.cm
Eccentricity	ASTM D 2671	<30%
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking (50°C)	ASTM D 1693	No cracking
Water absorption (23°C/14days)	ISO 62	<0.15%

Specification

Normal size (mm)	As supplied(mm)	After recovered (mm)		Tube shape	Standard length
	Inside diameter (Min.)	Inside Diameter (Max.)	Wall thickness (Min.)		
HSTFC-33/8	33	8	2.5	O	150,200,250mm
HSTFC-40/12	40	12	2.5	O	150,200,250mm
HSTFC-44/14	44	14	2.5	O	150,200,250mm
HSTFC-55/16	55	16	3.0	O	150,200,250mm
HSTFC-75/22	75	22	3.0	O	150,200,250mm
HSTFC-95/25	95	25	3.0	O	150,200,250mm
HSTFC-115/34	115	34	3.0	O	150,200,250mm
HSTFC-140/42	140	42	3.0	O	150,200,250mm