

Polyolefin heat-shrink tubing

FITCOTUBE[®] FT700E

Cross-linked, non-meltable Polyolefin heat-shrink tube with glossy surface. Protection of electrical and mechanical devices in commercial applications, where smooth surfaces are required.

Operating temperature:	- 30°C to +105°C, 3000h: -35°C up to 135°C
Shrink temperature:	> 90° C
Shrink ratio:	2 : 1
Standard colors:	Black, blue, red, white, yellow-green - other colors on request.



Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after full recovery (max.)	after full recovery (nom.)
FT700E-120	1,20	0,60	0,41
FT700E-160	1,60	0,80	0,43
FT700E-240	2,40	1,20	0,51
FT700E-320	3,20	1,60	0,51
FT700E-480	4,80	2,40	0,51
FT700E-640	6,40	3,20	0,64
FT700E-950	9,50	4,80	0,64
FT700E-1270	12,70	6,40	0,64
FT700E-1900	19,10	9,50	0,76
FT700E-2540	25,40	12,70	0,89
FT700E-3800	38,10	19,10	1,02
FT700E-5100	50,80	25,40	1,14

Packaging: On spools, bars of 1000mm, cut or printed lengths on request.
Special sizes on request.

Processing note: Care for clean and accurate cutting edge. Start shrinkage on the end.
Pre-heat metal body.

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Attributes	Testing	Value
Mechanical		
Tensile Strength	ASTM D 638	10 N/mm ²
Elongation at Break	ASTM D 638	200%
Longitudinal Change	ASTM D 2671	-10% to +5%
Spec. Gravity	ASTM D 792	1,20
Thermal		
Heat shock (4h x 175°C)	ASTM D 2671	No dripping, cracking or flowing
Heat aging 168 h at 450°C	ASTM D 638	Elongation 100%
Low temp. flexibility at -30°C	ASTM D 2671	No cracking
Flammability	FMVSS 302	pass
Electrical		
Volume Resistivity	ASTM D 257	10 ¹⁴ Ω*cm
Dielectric Strength	ASTM D 2671	20 kV/mm
Chemical		
Water Absorption	ASTM D 570	0,5%
Chemical resistance	AMS-DTL-23053/5	good
Copper corrosion	ASTM D 2671 B	No corrosion