

Polyolefin heat-shrink tubing

## FITCOTUBE® FT330

Flexible, self extinguishing, cross-linked polyolefin heat shrink tubing with high shrink ratio. Insulation and protection of wires, cables, harnesses and connectors with a large difference in diameter. Wide variety of applications.

**Operating temperature:** - 55°C to + 125°C, short time up to + 200°C

**Shrink temperature:** + 90° C

**Shrink ratio:** 3 : 1

**Standard colors:** Black  
special colors on request.



Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)
FT330-3/1	3.00	1.00	0.60
FT330-6/2	6.00	2.00	0.70
FT330-9/3	9.00	3.00	0.80
FT330-12/4	12.00	4.00	0.85
FT330-18/6	18.60	6.00	1.00
FT330-24/8	24.00	8.00	1.20

**Packaging:** On spools.  
Cut lengths or printed tubing on request.  
Special sizes on request.

**Processing note:** Care for clean and straight cutting edges.  
Start shrinkage on the end.  
Pre-heat metal body.

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Attributes	Testing	Value
<b>Mechanical</b>		
Tensile trength	ASTM D 638	13 MPa
Ultimate elongation	ASTM D 638	≥ 350 %
Longitudinal change	SAE-AMS-DTL-23053	- 7 %
Specific gravity	ASTM D 792	1.33
Elastic modulus	ASTM D 882	< 150 MPa
<b>Thermal</b>		
Low temperature flexibility (-55 °C x 4h)	MIL-DTL-23053	no cracking
Elongation after heat ageing (150°C x 168h)	SAE-AMS-DTL-23053	> 200 %
Short term ageing(225°C x 4h)	SAE-AMS-DTL-23053	No cracking, flowing or dripping
Fire behavior	ASTM D 2671	self-extinguishing
<b>Electrical</b>		
Copper corrosion (175°C x 16h)	SAE-AMS-DTL-23053	no corrosion
Volume resistivity	ASTM D 876	4.7 x 10 <sup>14</sup> Ω/cm
Dielectric strength test (2.5 kV x 60 s)	SAE-AMS-DTL-23053	no breakdown
<b>Chemical</b>		
Water Absorption	ASTM D 570	< 0.5 %