

Silicone Heat-Shrink Tubing

## FITCOTUBE® FT250

Highly flexible, temperature resistant, halogen-free, cross linked silicone heat-shrink tubing. Medical and industrial applications with very high requirements for temperature and chemical resistance and extreme flexibility.

**Operating temperature:** - 50° C to + 200° C

**Shrink temperature:** + 140° C

**Shrink ratio:** 2: 1

**Standard colors:** Grey



Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)
FT250-2.9/1.6	2.90	1.60	1.0
FT250-4.9/2.6	4.90	2.60	1.0
FT250-5.8/3.4	5.80	3.40	1.0
FT250-7.8/4.2	7.80	4.20	1.0
FT250-11/5.8	11.00	5.80	1.5
FT250-15.5/8.5	15.50	8.50	1.5
FT250-21/11.5	21.00	11.50	2.0
FT250-23/16	23.00	16.00	2.0
FT250-31.5/18	31.50	18.00	2.0
FT250-43/24	43.00	24.00	3.0
FT250-55/30	55.00	30.00	3.0
FT250-66/37	66.00	37.00	3.0
FT250-70/44	70.00	44.00	3.0

**Packaging:** 1-meter-lengths. Cut lengths on request. Special sizes on request.

**Storage:** Recommended storage temperature: below + 30° C

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

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Attributes	Testing	Requirement	Value
<b>Mechanical</b>			
Tensile strength	UL 224	Min. 3,9 MPa	≥ 5 MPa
Ultimate elongation	UL 224	Min. 250%	≥ 300%
Specific density	20° C	1,20 ± 0,05	Pass
<b>Thermal</b>			
Fire behavior	UL 224	VW-1, self extinguishing	Pass
<b>Electrical</b>			
Dielectric strength	ASTM D 876	Min. 20 kV/mm	≥ 24 kV/mm
Volume resistivity	UL 224	Min. 10 <sup>14</sup> Ω/cm	10 <sup>15</sup> Ω/cm
<b>Other</b>			
Level of hardness	Shore A	63 - 75	pass
Water absorption (24h at 100°C)	ASTM D 570	Max. 1.0%	≤0.5%