

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	



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.

 GREMCO GmbH · Sterzinger Str. 6 · D-86165 Augsburg · T +49.821.272 63-0 · F +49.821.272.63-44 · info@gremco.de · www.gremco.de •

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FITCO^{*} = trademark of GREMCO

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Attributes	Testing	Requirement	Value
Mechanical			
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
Thermal			
Fire behavior	UL 224	VW-1, self extinguishing	Pass
Electrical			
Dielectric strength	ASTM D 876	Min. 20 kV/mm	≥ 24 kV/mm
Volume resistivity	UL 224	Min. $10^{14} \Omega/cm$	10 ¹⁵ Ω/cm
Other			
		C2 75	

Level of hardness	Shore A	63 - 75	pass
Water absorption (24h at 100°C)	ASTM D 570	Max. 1.0%	≤0.5%

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