



Features/Applications

GREMTUBE® GTEF is a high performance, highly flame retardant, modified polytetrafluorethylene (PTFE) heat shrinkable tubing. GREMTUBE® GTEF offers high temperature performances (up to 260°C with peaks up to 400°C), an excellent resistance to chemicals and a low friction coefficient. GREMTUBE® GTEF is suitable for high end, critical applications, typically: military, aerospace and medical sectors.

Various

Standard colour: Natural.
On request : Special colours, USP Class VI certified, etched.

Specifications

AMS-DTL-23053/12 available on request (sizes AWG 30, 28 and 26 not covered).

Dimensions



Reference	As supplied (mm)	After recovery (mm)		Standard Length (m)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Nom. (t)	
<i>GREMTUBE® GTEF</i>				
AWG 30	0,86	0,38	0,23 ±0,05	1,2
AWG 28	0,96	0,46	0,23 ±0,05	1,2
AWG 26	1,17	0,56	0,25 ±0,05	1,2
AWG 24	1,27	0,69	0,25 ±0,05	1,2
AWG 22	1,40	0,81	0,30 ±0,08	1,2
AWG 20	1,52	0,99	0,30 ±0,08	1,2
AWG 19	1,65	1,09	0,30 ±0,08	1,2
AWG 18	1,93	1,24	0,30 ±0,08	1,2
AWG 17	2,16	1,37	0,30 ±0,08	1,2
AWG 16	2,36	1,55	0,30 ±0,08	1,2
AWG 15	2,79	1,70	0,30 ±0,08	1,2
AWG 14	3,05	1,83	0,30 ±0,08	1,2
AWG 13	3,56	2,03	0,30 ±0,08	1,2
AWG 12	3,81	2,26	0,30 ±0,08	1,2
AWG 11	4,32	2,57	0,30 ±0,08	1,2
AWG 10	4,85	2,84	0,30 ±0,08	1,2
AWG 9	5,21	3,15	0,38 ±0,10	1,2
AWG 8	6,10	3,58	0,38 ±0,10	1,2
AWG 7	6,86	4,01	0,38 ±0,10	1,2
AWG 6	7,67	4,52	0,38 ±0,10	1,2
AWG 5	8,13	5,03	0,38 ±0,10	1,2
AWG 4	9,40	5,69	0,38 ±0,10	1,2
AWG 3	9,91	6,32	0,38 ±0,10	1,2
AWG 2	10,92	7,06	0,38 ±0,10	1,2
AWG 1	11,43	7,90	0,38 ±0,10	1,2
AWG 0	11,94	8,81	0,38 ±0,10	1,2

•Spools as standard, cut pieces available on request

Property	Values	Test Methods	
Physical	Working temperature	-200°C to +260°C	
	Longitudinal change	±30%	
	Tensile strength	Unaged ≥ 20 MPa	ASTM D 638
	Elongation at break	≥ 200%	
	Flammability	Pass	UL94 V0
Electrical	Dielectric strength	≥ 7,4 kV/mm	ASTM D 149
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	ASTM D 257
Chemical	Resistance	Inert	-

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 45°C) and in closed container.

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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.