



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.



Dimensions

Reference <i>GREMTUBE® GTEF</i>	As supplied (mm)	After recovery (mm)		Standard Length (m)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	
AWG 30*	0,86	0,38	0,18	1,2
AWG 28*	0,96	0,46	0,18	1,2
AWG 26*	1,17	0,56	0,20	1,2
AWG 24	1,27	0,69	0,25	1,2
AWG 22	1,40	0,81	0,25	1,2
AWG 20	1,52	0,99	0,33	1,2
AWG 19	1,65	1,09	0,33	1,2
AWG 18	1,93	1,24	0,33	1,2
AWG 17	2,16	1,37	0,33	1,2
AWG 16	2,36	1,55	0,33	1,2
AWG 15	2,79	1,70	0,33	1,2
AWG 14	3,05	1,83	0,33	1,2
AWG 13	3,56	2,03	0,33	1,2
AWG 12	3,81	2,26	0,33	1,2
AWG 11	4,32	2,57	0,33	1,2
AWG 10	4,85	2,84	0,33	1,2
AWG 9	5,21	3,15	0,41	1,2
AWG 8	6,10	3,58	0,41	1,2
AWG 7	6,86	4,01	0,41	1,2
AWG 6	7,67	4,52	0,41	1,2
AWG 5	8,13	5,03	0,41	1,2
AWG 4	9,40	5,69	0,41	1,2
AWG 3	9,91	6,32	0,41	1,2
AWG 2	10,92	7,06	0,41	1,2
AWG 1	11,43	7,90	0,41	1,2
AWG 0	11,94	8,81	0,41	1,2

• Spools as standard, cut pieces available on request

* Sizes not covered under AMS-DTL-23053/12

Property

		Values	Test Methods
Physical	Working temperature	-200°C to +260°C	-
	Longitudinal change	±30%	-
	Tensile strength	≥ 20 MPa	ASTM D 683
	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 35°C) and in closed containers.

