



Features/Applications

GREMTUBE® GTEF 4X is a high shrink ratio, highly flame retardant, modified polytetrafluorethylene (PTFE) heat shrinkable tubing. GREMTUBE® GTEF 4X offers high temperature performances (up to 260°C with peaks up to 400°C), an excellent resistance to chemicals, a low friction coefficient. It covers a wide range of diameters and it fits snugly on tight bends. GREMTUBE® GTEF 4X is suitable for high end, critical applications, typically: military, aerospace and medical sectors when higher shrink ratios are required.

Various

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

Specifications

MIL-I-23053/12 Class 5.

Dimensions



Reference	As supplied (mm)	After recovery (mm)		Standard Length (m)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	
GREMTUBE® GTEF 4X				
002,0	1,98	0,64	0,18	1,2
003,2	3,18	0,94	0,26	1,2
004,8	4,75	1,27	0,26	1,2
006,4	6,35	1,60	0,26	1,2
007,9	7,92	1,98	0,26	1,2
009,5	9,53	2,44	0,26	1,2
011,1	11,13	2,84	0,26	1,2
012,7	12,70	3,66	0,28	1,2
014,3	14,27	3,94	0,28	1,2
015,9	15,88	4,52	0,28	1,2
017,5	17,45	5,03	0,28	1,2
019,1	19,05	5,69	0,28	1,2
022,2	22,23	6,20	0,28	1,2
025,4	25,40	7,06	0,28	1,2
031,8	31,75	8,81	0,28	1,2
038,1	38,10	10,16	0,28	1,2
044,5	44,45	11,43	0,28	1,2
050,8	50,80	13,21	0,38	1,2
057,2	57,15	14,86	0,38	1,2
063,5	63,50	16,51	0,38	1,2
069,9	69,85	18,03	0,38	1,2
076,2	76,20	19,68	0,38	1,2
082,5	82,50	21,21	0,38	1,2
088,9	88,90	22,86	0,51	1,2
093,0	92,95	24,38	0,51	1,2
101,6	101,60	26,03	0,51	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 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.



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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.