



Features/Applications

GREMTUBE® GFEP 1.6:1 is a high performance, highly flame retardant, modified fluorinated ethylene propylene (FEP) heat shrink tubing.

GREMTUBE® GFEP 1.6:1 offers an excellent optical clarity, a good flexibility, excellent temperature performances, an excellent resistance to chemicals and a low friction coefficient.

GREMTUBE® GFEP 1.6:1 is suitable for high end, critical applications, typically: military, aerospace, medical and optical sectors when higher shrink ratios are required.



Various

Standard colour: Natural. Other colours available on request.

Specifications

AMS-DTL-23053/11 Class 2 available on request.



Dimensions

Reference	As supplied (mm)	After recovery (mm)		Standard Length (m)
		Inside Diameter Min. (D)	Wall Thickness (t) Nom. Tol.	
GREMTUBE® GFEP 1.6:1				
002,4	2,36	1,42	0,20 ±0,08	1,2
003,2	3,18	1,91	0,25 ±0,08	1,2
004,8	4,78	2,92	0,25 ±0,08	1,2
006,4	6,35	3,81	0,25 ±0,08	1,2
009,5	9,53	5,72	0,31 ±0,08	1,2
012,7	12,70	7,62	0,38 ±0,10	1,2
019,1	19,05	11,43	0,51 ±0,10	1,2
025,4	25,40	15,24	0,64 ±0,13	1,2
038,1	38,10	22,86	0,76 ±0,13	1,2
050,8	50,80	30,48	0,76 ±0,13	1,2

● Cut pieces available on request

Property

		Values	Test Methods
Physical	Working temperature	-200°C to +205°C	-
	Longitudinal change	±30%	-
	Tensile strength	≥ 18 MPa	ASTM D 638
	Elongation at break	≥ 245%	
	Flammability	Pass	UL94 V0
Electrical	Dielectric strength	≥ 19,7 kV/mm	ASTM D 149
	Volume resistivity	≥ 10 ¹⁷ 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.

30/09/2015 Rev3

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.