



**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

**Dimensions**



Reference	As supplied (mm)		After recovery (mm)		Standard Length (m)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	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	
<b>Physical</b>	Working temperature	-200°C to +205°C	
	Longitudinal change	±30%	
	Tensile strength	≥ 18 MPa	ASTM D 683
	Elongation at break	≥ 245%	
	Flammability	Pass	UL94 V0
<b>Electrical</b>	Dielectric strength	≥ 19,7 kV/mm	ASTM D 149
	Volume resistivity	≥ 10 <sup>17</sup> Ω.cm	ASTM D 257
<b>Chemical</b>	Resistance	Inert	-

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed containers.



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.