



Features/Applications

GREMTUBE® GFEP 1.3:1 is a high performance, highly flame retardant, modified fluorinated ethylene propylene (FEP) heat shrink tubing. GREMTUBE® GFEP 1.3:1 offers an excellent optical clarity, a good flexibility, excellent temperature performances, an excellent resistance to chemicals and a low friction coefficient. GREMTUBE® GFEP 1.3:1 is suitable for high end, critical applications, typically: military, aerospace, medical and optical sectors.

Various

Standard colour: Natural. Other colours available on request.

Specifications

AMS-DTL-23053/11 Class 1 available on request.

Dimensions



Reference GREMTUBE® GFEP 1.3:1 AWG Size	As supplied (mm)	After recovery (mm)			Standard Length (m)	
	Inside Diameter Min. (D)	Inside Diameter (d)	Wall Thickness (t)			
			Min.	Nom.	Max.	
AWG 24	0,79	0,69	0,15	0,20	0,25	1,2
AWG 22	0,91	0,81	0,15	0,20	0,25	1,2
AWG 20	1,14	0,99	0,15	0,20	0,25	1,2
AWG 18	1,52	1,25	0,15	0,20	0,25	1,2
AWG 16	1,91	1,55	0,18	0,23	0,28	1,2
AWG 14	2,34	1,83	0,18	0,23	0,28	1,2
AWG 12	2,92	2,26	0,18	0,23	0,28	1,2
AWG 10	3,58	2,90	0,18	0,25	0,33	1,2
AWG 9	4,01	3,15	0,18	0,25	0,33	1,2
AWG 8	4,57	3,63	0,18	0,25	0,33	1,2
AWG 7	5,00	4,01	0,18	0,28	0,38	1,2
AWG 6	5,72	4,57	0,18	0,28	0,38	1,2
AWG 5	6,30	5,03	0,18	0,28	0,38	1,2
AWG 4	7,37	5,74	0,18	0,28	0,38	1,2
AWG 3	7,87	6,32	0,18	0,28	0,38	1,2
AWG 2	9,27	7,11	0,20	0,30	0,41	1,2
AWG 1	10,16	7,90	0,20	0,30	0,41	1,2
AWG 0	11,18	8,86	0,20	0,30	0,41	1,2

Reference GREMTUBE® GFEP 1.3:1 mm Size	As supplied (mm)	After recovery (mm)			Standard Length (m)	
	Inside Diameter Min. (D)	Inside Diameter (d)	Total Wall Thickness (t)			
			Min.	Nom.	Max.	
009,5	12,70	9,73	0,28	0,38	0,48	1,2
011,1	14,73	11,38	0,41	0,51	0,61	1,2
012,7	16,92	12,95	0,41	0,51	0,61	1,2
015,9	21,08	16,18	0,53	0,64	0,74	1,2
019,1	25,40	19,41	0,66	0,76	0,86	1,2
022,2	29,72	22,63	0,79	0,89	0,99	1,2
025,4	33,78	25,91	0,79	0,89	0,99	1,2
028,6	38,10	29,08	0,79	0,89	0,99	1,2
031,8	42,32	32,26	0,79	0,89	0,99	1,2
034,9	46,56	35,31	0,79	0,89	0,99	1,2
038,1	50,80	39,88	0,79	0,89	0,99	1,2

• Cut pieces available on request

Property	Values	Test Methods	
Physical	Working temperature	-200°C to +205°C	
	Longitudinal change	±30%	
	Tensile strength	Unaged ≥ 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.

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.

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