



### 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 a lower shrink temperature, an excellent optical clarity, a good flexibility, excellent temperature performances (up to 260°C with peaks up to 400°C), an excellent resistance to chemicals and a low coefficient of friction. 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

MIL-I-23053/11

### Dimensions



Reference <i>GREMTUBE® GFEP 1.3:1 AWG Size</i>	As supplied (mm)	After recovery (mm)			Standard Length (m)	
	Inside Diameter Mini. (D)	Inside Diameter Maxi. (d)	Total Wall Thickness (t)			
			Min.	Nom.	Maxi.	
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 <i>GREMTUBE® GFEP 1.3:1</i>		As supplied (mm)	After recovery (mm)			Standard Length (m)	
<i>Inch</i>	<i>mm</i>	Inside Diameter Mini. (D)	Inside Diameter Maxi. (d)	Total Wall Thickness (t)			
				Min.	Nom.	Maxi.	
3/8	9.53	12.70	9.73	0.28	0.38	0.48	1,2
7/16	11.13	14.73	11.38	0.41	0.51	0.61	1,2
1/2	12.70	16.92	12.95	0.41	0.51	0.61	1,2
5/8	15.88	21.08	16.18	0.53	0.64	0.74	1,2
3/4	19.05	25.40	19.41	0.66	0.76	0.86	1,2
7/8	22.23	29.72	22.63	0.79	0.89	0.99	1,2
1	25.40	33.78	25.91	0.79	0.89	0.99	1,2
1-1/8	28.58	38.10	29.08	0.79	0.89	0.99	1,2
1-1/4	31.75	42.32	32.26	0.79	0.89	0.99	1,2
1-3/8	34.93	46.56	35.31	0.79	0.89	0.99	1,2
1-1/2	38.10	50.80	38.61	0.79	0.89	0.99	1,2

• Cut pieces available on request

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



Property	Values	Test Methods
Working temperature	-55°C to +204°C	-
Longitudinal change	±30 %	-
Flammability	Pass	UL94VO
Chemical resistance	Inert	-
Dielectric strength	>2000V/mm	-

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.