

FT10-T

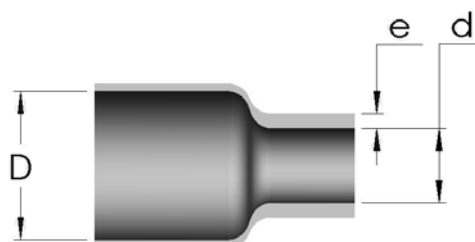
TECHNICAL DATA SHEET

FT 10-T is flame-retarded and halogen-free irradiated heat-shrinkable tubing. With its low smoke index, this tubing sets a new fire security standard in electrical insulation and protection in public areas. **FT 10-T** has a glossy surface with walls about 50% thinner than **FT 10**.

Fields of application: Electrical insulation and protection in public transportation, submarines and other areas where toxic emissions during fire hazards must be kept low.

Working temperature -40°C up to +105°C

Standard colour Black.



DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness after recovery (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
FT10-T 320	3,2	1,6	0,51
FT10-T 480	4,8	2,4	0,51
FT10-T 640	6,4	3,2	0,64
FT10-T 950	9,5	4,8	0,64
FT10-T 1270	12,7	6,4	0,64
FT10-T 1900	19,1	9,5	0,76
FT10-T 2540	25,4	12,7	0,89
FT10-T 3810	38,1	19,1	1,02
FT10-T 5100	50,8	25,5	1,14
FT10-T 7620	76,2	38,1	1,27
FT10-T 10200	101,6	50,8	1,40



FT10-T

TECHNICAL CHARACTERISTICS :

	Standard Requirements	Test Methods
PHYSICAL		
Working temperature	-40°C up to +105°C	IEC 216
Shrink temperature	+115°C	
Shrink ratio	2 : 1	
Longitudinal change	+5% -10% maxi.	IEC 216, SFP Std.
Elongation at break	200% mini.	ASTM D 638
Tensile strength	7 MPa mini.	ASTM D 638
Low temperature flexibility (4h at -40°C)	No cracking	SAE-AMS-DTL-23053
Heat ageing (168h at +135°C)	150% mini.	ASTM D 638
Flammability (60s maxi.)	Self-extinguishing	SAE-AMS-DTL-23053
Secant modulus (2%)	130 MPa maxi.	ASTM D 682
ELECTRICAL		
Dielectric strength	15 kV/mm mini.	ASTM D 876
Volume resistance	1x10 ¹² Ω cm mini.	ASTM D 876
CHEMICAL		
Water absorption	1,0% maxi.	BS 2782
Fluid resistance	4,13 MPa mini.	ASTM D 638
Fungus resistance	1,0% maxi.	ASTM G 21
CUTTING / MARKING		
Upon request.		
PACKAGING		
On spool.		
SPECIFICATIONS		
LUL: London Underground Limited, Eng. Stand.		
DEF-STAN 59-97.		

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.