

FT10

TECHNICAL DATA SHEET

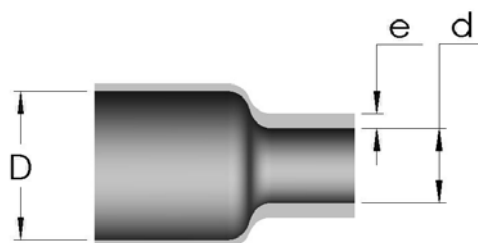
FT 10 is flame-retarded and halogen-free irradiated heat-shrinkable tubing. With its very low smoke index, this tubing sets a new fire security standard in electrical insulation and protection in public areas.

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.

Non-standard colours Upon request.



DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness after recovery (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
FT10 320	3,2	1,6	0,70 ±0,10
FT10 480	4,8	2,4	0,85 ±0,15
FT10 640	6,4	3,2	0,90 ±0,15
FT10 950	9,5	4,8	1,00 ±0,15
FT10 1270	12,7	6,4	1,20 ±0,18
FT10 1910	19,1	9,5	1,40 ±0,25
FT10 2540	25,4	12,7	1,80 ±0,30

FT10

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%	IEC 216, SFP Std.
Specific gravity	1,55 maxi.	ASTM D 792
Elongation at break	200% mini.	ASTM D 638
Tensile strength	10,3 MPa mini.	ASTM D 638
Low temperature flexibility (4h at -40°C)	No cracking	SAE-AMS-DTL-23053
Heat ageing (168h at +150°C)	100% mini.	ASTM D 638
Flammability (60s maxi.)	Self-extinguishing	SAE-AMS-DTL-23053
Secant modulus (2%)	131 MPa maxi.	ASTM D 882
ELECTRICAL		
Dielectric strength	19,6 kV/mm	ASTM D 876
Volume resistance	1x10 ¹³ 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 or in 1,22m length (Upon request).		
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.