

FT110

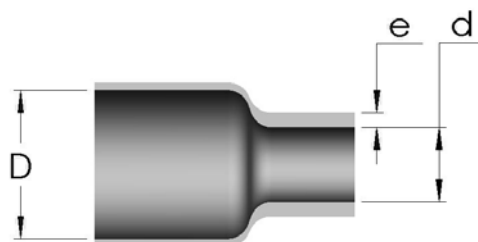
TECHNICAL DATA SHEET

FT 110 is a flexible irradiated polyolefin heat-shrinkable tubing, high temperature rated.

FT 110 is halogen free.

Working temperature -55°C up to +135°C

Standard colours Clear.



DIMENSION DATA



Reference	Inside diameter (mm)		Wall-thickness after recovery (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
FT110 120	1,2	0,6	0,41 ±0,07
FT110 160	1,6	0,8	0,43 ±0,07
FT110 240	2,4	1,2	0,51 ±0,07
FT110 320	3,2	1,6	0,51 ±0,07
FT110 480	4,8	2,4	0,51 ±0,07
FT110 640	6,4	3,2	0,64 ±0,07
FT110 950	9,5	4,8	0,64 ±0,07
FT110 1270	12,7	6,4	0,64 ±0,07
FT110 1910	19,1	9,5	0,76 ±0,07
FT110 2540	25,4	12,7	0,89 ±0,12
FT110 3810	38,1	19,1	1,02 ±0,15
FT110 5100	50,8	25,4	1,14 ±0,17
FT110 7600	76,2	38,1	1,27 ±0,20
FT110 10200	101,6	50,8	1,40 ±0,22

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TECHNICAL CHARACTERISTICS :

	Standard Requirements	Test Methods
PHYSICAL		
Working temperature	-55°C up to +135°C	
Shrink temperature	+110°C	
Shrink ratio	2 : 1	
Longitudinal change	±5%	SAE-AMS-DTL-23053
Specific gravity	1,00 maxi.	ASTM D 792
Elongation at break	200% mini.	ASTM D 638
Low temperature flexibility (4h at -55°C)	No cracking	SAE-AMS-DTL-23053
Heat ageing (168h at +175°C)	100% mini.	SAE-AMS-DTL-23053
Secant modulus	173 MPa	ASTM D 882
ELECTRICAL		
Dielectric strength	19,7 kV/mm mini.	ASTM D 876
Volume resistance	1x10 ¹⁶ Ω cm mini.	ASTM D 876
CHEMICAL		
Water absorption	0,2% maxi.	ASTM D 570
Fluid resistance (After 24h immersion at +23°C)	6,9 MPa mini.	SAE-AMS-DTL-23053
Fungus resistance	No growth	ASTM G 21
CUTTING / MARKING		
Upon request.		
PACKAGING		
On spool.		
1,22m length (Upon request).		

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.