

FT 820

TECHNICAL DATA SHEET

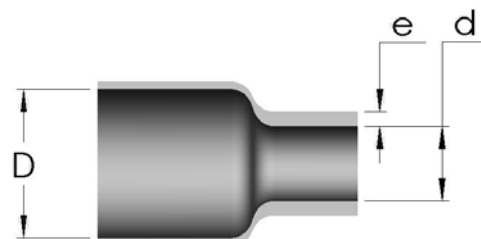
FT 820 is flexible, dual-wall, flame-retarded (outer jacket) heat-shrinkable tubing.

Material : Irradiated polyolefin outer jacket and polyolefin adhesive inner liner which melts to enable complete encapsulation of the components to be protected.

Working temperature -55°C to +110°C

Standard colour Black.

Non-standard colours Upon request.



DIMENSION DATA

Reference	Inside diameter (mm)		Wall thickness after recovery (mm)	
	As supplied mini. (D)	After recovery maxi. (d)	Total thickness	Inner liner
FT820 3/1	3,2	0,6	0,96	0,35
FT820 4,5/1,5	4,8	1,5	1,06	0,60
FT820 6/2	6,4	2,0	1,19	0,65
FT820 9/3	9,5	3,0	1,27	0,65
FT820 12/4	12,7	4,0	1,40	0,75
FT820 19/6	19,0	8,0	1,80	0,80
FT820 24/8	25,4	10,2	2,50	1,00
FT820 40/13	40,0	13,0	2,50	1,00

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TECHNICAL CHARACTERISTICS:

	Standard Requirements	Test Methods
PHYSICAL		
Working temperature	-55°C to +110°C	
Shrink temperature	+110°C	
Shrink ratio	3 : 1	
Longitudinal change	+5% -15%	SAE-AMS-DTL-23053
Specific gravity	1,10 nom.	ASTM D 792
Elongation at break	200% mini.	ASTM D 638
Tensile strength	10,3 MPa mini.	ASTM D 638
Heat ageing (168h at +150°C)	100% min.	SAE-AMS-DTL-23053
Flammability (60s maxi.)	Self-extinguishing	ASTM D 2671 (Procedure B)
Secant modulus (2%)	173 MPa maxi.	ASTM D 882
ELECTRICAL		
Dielectric strength	11,8 kV/mm mini.	ASTM D 876
Volume resistance	1x10 ¹² Ω cm mini.	ASTM D 876
CHEMICAL		
Water absorption	1,0% maxi.	ASTM D 570
CUTTING/MARKING		
Upon request.		
PACKAGING		
1,22m length.		

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.