

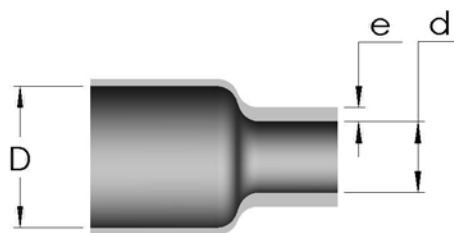
FT101 (3X)

TECHNICAL DATA SHEET

FT101 (3X) is very flexible, self-extinguishing, irradiated polyolefin heat-shrinkable tubing. With a shrink ratio of 3:1, **FT101 (3X)** meets the requirements of the most stringent industrial, military and high tech standards, including MIL-I-23053 class 1 and 3.

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

Standard colours Yellow / green.



DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness after recovery (nom) (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
FT101 (3X) 187/65	4,8	1,6	0,51
FT101 (3X) 375/125	9,5	3,2	0,64
FT101 (3X) 500/185	12,7	4,7	0,71
Only in length of 1,22 m			
FT101 (3X) 1,5/0,5	1,5	0,5	0,50
FT101 (3X) 3/1	3,0	1,0	0,60
FT101 (3X) 6/2	6,0	2,0	0,70
FT101 (3X) 9/3	9,0	3,0	0,80
FT101 (3X) 12/4	12,0	4,0	0,85
FT101 (3X) 18/6	18,0	6,0	1,00
FT101 (3X) 24/8	24,0	8,0	1,20
FT101 (3X) 40/13	40,0	13,0	1,25
Only on spool			

FT101 (3X)

TECHNICAL CHARACTERISTICS:

	Standard Requirements	Test Methods
PHYSICAL		
Working temperature	-55°C up to +135°C	
Shrink temperature	+90°C	
Shrink ratio	3 : 1	
Longitudinal change	-15% mini.	SAE-AMS-DTL-23053
Specific gravity	1,35 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 -55°C)	No cracking	SAE-AMS-DTL-23053
Heat ageing (168h at +175°C)	100% mini.	SAE-AMS-DTL-23053
Flammability (60s maxi.)	Self-extinguishing	UL 224, VW-1
Secant modulus (2%)	173 MPa	ASTM D 882
ELECTRICAL		
Volume resistance	1x10 ¹⁴ Ω cm mini.	ASTM D 876
CUTTING / MARKING		
Upon request.		
PACKAGING		
On spool or 1.22m length.		
SPECIFICATIONS		
UL224 125°C 600 V.		
MIL-I-23053/5 class 1 and 3, except for dimensions.		

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.