

GREMTUBE® G61 (3X)

TECHNICAL DATA SHEET

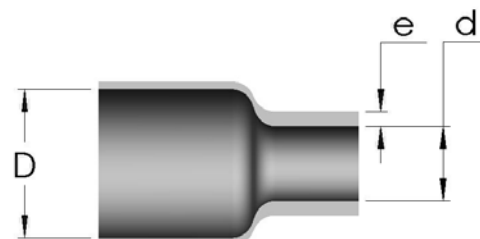
GREMTUBE® G61 (3X) is flexible heat-shrinkable irradiated polyolefin tubing that is self-extinguishing and meets the most stringent industrial and military requirements (passed MIL-I-23053 and UL224).

Gremtube® G61 (3X) is also UL E223 843 approved.

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

Standard colour Black.

Non-standard colours Upon request.



DIMENSION DATA

Reference	Inside diameter (en mm)		Wall-thickness after recovery (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
G61 (3X) 1,5/0,5	1,50	0,50	0,50
G61 (3X) 3/1	3,00	1,00	0,60
G61 (3X) 6/2	6,00	2,00	0,70
G61 (3X) 9/3	9,00	3,00	0,80
G61 (3X) 12/4	12,00	4,00	0,90
G61 (3X) 18/6	18,00	6,00	1,00
G61 (3X) 24/8	24,00	8,00	1,20
G61 (3X) 40/13	40,00	13,00	1,25

GREMTUBE® G61 (3X)

TECHNICAL CHARACTERISTICS:

	Standard Requirements	Test Methods
PHYSICAL		
Working temperature	-55°C up to +135°C	
Shrink temperature	+100°C	
Shrink ratio	3 : 1	
Longitudinal change	±8%	MIL-I-23053
Specific gravity	1,35 maxi.	ASTM D 792
Elongation at break	200% mini.	ASTM D 638
Tensile strength	10,3 MPa	ASTM D 638
Low temperature flexibility (4h at -55°C)	No cracking	MIL-I-23053
Heat ageing (168h at +158°C)	100% mini.	UL224
Flammability (60s maxi.)	Self-extinguishing	UL224, VW-1
Secant modulus (2%)	172,4 MPa	ASTM D 882
ELECTRICAL		
Dielectric strength	20 kV/mm mini.	UL 224
Volume resistance	1x10 ¹⁴ Ω cm mini.	ASTM D 876
CHEMICAL		
Water absorption	0,1%	
CUTTING / MARKING		
Upon request.		
PACKAGING		
On spool or 1,22m length.		
SPECIFICATIONS		
UL224 125°C 600 V, VW-1.		
MIL-I-23053/5B class 1 and 3.		
UL E223 843.		

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.