

# **GREMTUBE® G61**

## TECHNICAL DATA SHEET

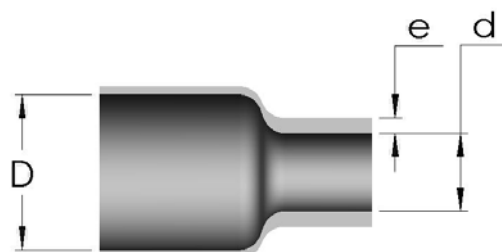
**GREMTUBE® G61** is flexible heat-shrinkable irradiated polyolefin tubing that is self-extinguishing and meets the most stringent industrial and military requirements (passed MIL-I-23053 and UL224).

**Gremtube® G61** is also UL E223 843 approved.

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

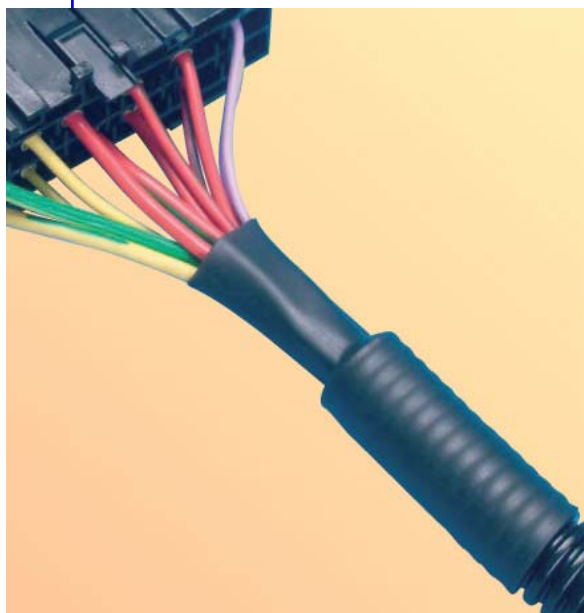
**Standard colour** Black.

**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 120	1,2	0,6	0,41
G61 160	1,6	0,8	0,43
G61 240	2,4	1,2	0,51
G61 320	3,2	1,6	0,51
G61 480	4,8	2,4	0,51
G61 640	6,4	3,2	0,64
G61 950	9,5	4,8	0,64
G61 1270	12,7	6,4	0,64
G61 1900	19,1	9,5	0,76
G61 2540	25,4	12,7	0,89
G61 3800	38,1	19,1	1,02
G61 5100	50,8	25,4	1,14
G61 7600	76,2	38,1	1,27
G61 10200	101,6	50,8	1,40



# ***GREMTUBE® G61***

## **TECHNICAL CHARACTERISTICS:**

	<b>Standard Requirements</b>	<b>Test Methods</b>
<b>PHYSICAL</b>		
Working temperature	-55°C up to +135°C	
Shrink temperature	+100°C	
Shrink ratio	2 : 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 mini.	ASTM D 638
Low temperature flexibility (4h at -55°C)	No cracking	MIL-I-23053
Heat ageing (168h at +158°C)	100% mini.	UL 224
Secant modulus (2%)	172,4 MPa	ASTM D 882

## **ELECTRICAL**

Dielectric strength	20 kV/mm mini.	IEC 243
Volume resistance	1x10 <sup>14</sup> Ω cm mini.	ASTM D 876

## **CHEMICAL**

Water absorption	0,1%
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## **CUTTING / MARKING**

Upon request.

## **PACKAGING**

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.*