

# GREMTUBE® G51

## TECHNICAL DATA SHEET

**GREMTUBE® G51** is flexible heat-shrinkable irradiated polyolefin tubing that is halogen-free and specially developed for easy implementation.

It is specially designed to meet European automotive industry requirements for electrical and mechanical protection in automobiles, electrical household appliances and any other application involving high production volumes.

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**Working temperature** -55°C to +125°C

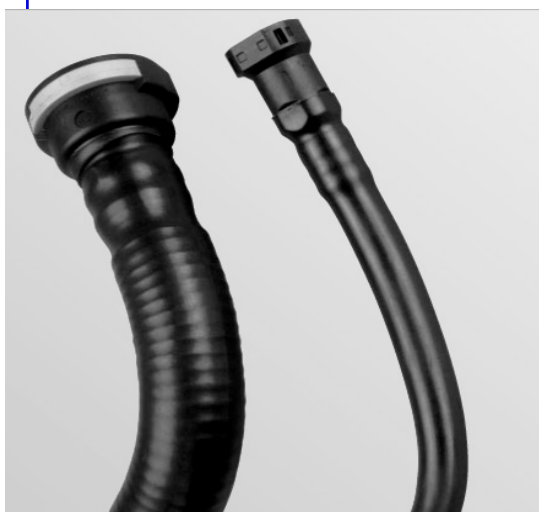
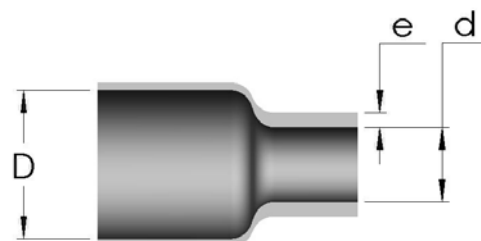
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**Standard colour** Black.

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**Non-standard colours** Upon request.

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## DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness after recovery (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
G51 240	2,40	1,30	0,50
G51 320	3,20	1,70	0,50
G51 480	4,80	2,50	0,70
G51 640	6,40	3,40	0,55
G51 950	9,50	4,80	0,70
G51 1270	12,70	6,40	0,80
G51 1500	15,00	7,50	0,80
G51 1900	19,00	9,50	0,90
G51 2540	25,40	12,70	1,00

*Other sizes : Upon request.*

# ***GREMTUBE® G51***

## **TECHNICAL CHARACTERISTICS :**

	<b>Standard requirements</b>	<b>Test Methods</b>
<b>PHYSICAL</b>		
Working temperature	-55°C up to +125°C	
Shrink temperature	+80°C	
Shrink ratio	2 : 1	
Longitudinal change	-5% ±5%	ASTM D 2671
Specific gravity	0,92 nom.	ISO / R 1183
Elongation at break	400%	ISO 37
Tensile strength	12 MPa	ISO 37
Low temperature flexibility (4h at -55°C)	No cracking	ASTM D 2671
Heat ageing (168h at +125°C)	400%	ISO 37
Flammability	Self-extinguishing	ASTM D 2671
	Pass	ISO 37
Secant modulus (2%)	50 MPa	ASTM D 882
<b>ELECTRICAL</b>		
Dielectric strength	20 kV/mm mini.	IEC 243
<b>CHEMICAL</b>		
Water absorption	0,1% maxi.	ASTM D 570
Fungus resistance	No growth	ASTM G 21
Fluid resistance	Excellent	ISO 1817, ISO 37 MIL-I-23053
<b>CUTTING / MARKING</b>		
Upon request.		
<b>PACKAGING</b>		
On spool.		
<b>SPECIFICATION</b>		
MVSS302.		

*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.*