

GREMTUBE® G52

TECHNICAL DATA SHEET

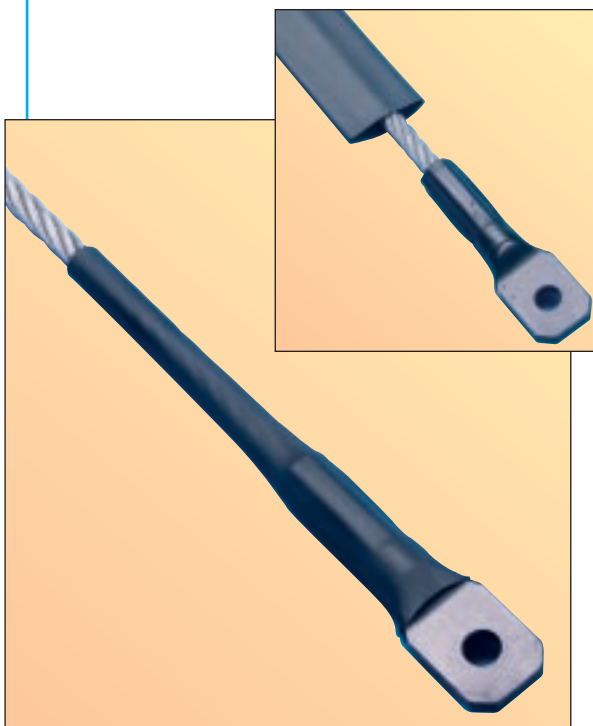
GREMTUBE® G52 is flexible heat-shrinkable irradiated polyolefin tubing that is halogen-free and specially developed for easy implementation. It is specially designed to meet European automotive industry requirements.

A version offering significant longitudinal shrinkage is also available on special request (30% maximum $\pm 5\%$), which makes it easy to be placed over elbows on automobile pipes and eliminate folds after shrinkage.

Working temperature -55°C to +125°C

Standard colour Black.

Non-standard colours Upon request.



DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness after recovery (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
G52 240	2,40	1,20	0,50
G52 320	3,20	1,60	0,50
G52 480	4,80	2,40	0,70
G52 640	6,40	3,20	0,55
G52 950	9,50	4,80	0,70
G52 1270	12,70	6,40	0,80
G52 1500	15,00	7,50	0,80
G52 1900	19,00	9,50	0,90
G52 2540	25,40	12,70	1,00
G52 3200	32,00	16,00	1,00
G52 3800	38,10	19,10	1,00

Other sizes : upon request

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TECHNICAL CHARACTERISTICS :

	Standard Requirements	Test Methods
PHYSICAL		
Working temperature	-55°C to +125°C	
Shrink temperature	+110°C	
Shrink ratio	2:1	
Longitudinal change	±5%	ASTM D 2671
Specific gravity	1.02	ISO / R 1183
Elongation at break	450%	ISO 37
Tensile strength	14MPa	ISO 37
Low temperature flexibility (4h at -55°C)	No cracking	ASTM D 2671
Heat ageing (168h at +158°C)	400%	ISO 37
Flammability	Self-extinguishing Pass	ASTM D 2671 FVMSS302
ELECTRICAL		
Dielectric strength	20kV/mm min.	IEC 243
CHEMICAL		
Water absorption	0.1% max.	ASTM D 570
Fluid resistance	Excellent	ISO 1817, ISO 37 MIL-I-23053
CUTTING/MARKING		
Upon request.		
PACKAGING		
On spool.		

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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.