



Features/Applications

GREMTUBE® G31 is a semi-rigid irradiated Polyolefin heat shrink tubing.
GREMTUBE® G31 offers good mechanical resistance and provides effective protection against pipe corrosion, water, engine fluids and chemicals..
GREMTUBE® G31 is suitable for fuel lines, brake lines and power steering tubes protection.
It is widely used within the automotive sector.

Various

Standard colours: Black.
Special sizes available on request.



Dimensions



Reference	As supplied (mm)	After full recovery (mm)		Standard pipe dimensions (mm)		Standard Length (m)
		Inside Diameter Min. (D)	Inside Diameter Max. (d)	Outside Diameter	Wall Thickness (nom.)	
GREMTUBE® G31						
005,0	5,0	3,0	1,10 ±0,15	3,50	~ 1,00	200
006,5	6,5	4,0	1,20 ±0,15	4,76	~ 1,00	200
008,5	8,5	6,0	1,20 ±0,15	6,35	~ 1,00	200
011,0	11,0	7,0	1,30 ±0,15	8,00	~ 1,00	100
015,0	15,0	8,0	1,30 ±0,15	10,00	~ 1,00	50
015,0*	15,0	4,0	1,25 ±0,15	4,76	~ 1,10	600

● Spools as standard, cut pieces are available on request

* Special size with ratio 4:1

Property

		Values	Test Methods
Physical	Working temperature	-40°C to +80°C	-
	Longitudinal change	-5% to +5%	ASTM D 2671
	Tensile strength	Unaged	≥ 12 MPa
	Elongation at break	Unaged	≥ 300%
	Tensile strength	Aged 24h @ 120°C	≥ 12 MPa
	Elongation at break	Aged 24h @ 120°C	≥ 270%
	Deformation resistance	50% min.	UL 224
	Impact brittleness	@ -35°C	No cracking
	Drop impact resistance	@ -35°C	No cracking
Chemical	Fluid resistance		
	- Sulfuric acid (1.28 g/mL)		
	- Sodium hydroxide (0.1N)	No cracking	ASTM D 2671
	- Motor vehicle brake fluid		
	- Unleaded gasoline		
	Stress cracking resistance	24h @ 50°C in 10% IGEPAI	No cracking
			ASTM D 1693

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed container.

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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.