



Features/Applications

GREMTUBE® G31A is a semi-rigid irradiated polyolefin heat shrink tubing with adhesive. GREMTUBE® G31A offers a good mechanical resistance and excellent waterproof sealing to prevent pipe corrosion, water or infiltration of various engine fluids and chemicals. GREMTUBE® G31A 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	Application recommended OD pipe (mm)	As supplied (mm)	After recovery (mm)			Standard Length (m)
		Inside Diameter Min. (D)	Inside Diameter Max. (d)	Total Wall Thickness (t)	Wall Thickness On Application	
GREMTUBE® G31A						
005,0	3,50	5,0	3,0	1,10 ±0,15	~ 1,00	200
006,5	4,76	6,50	4,0	1,10 ±0,15	~ 1,00	200
008,5	6,35	8,5	6,0	1,10 ±0,15	~ 1,00	200
011,0	8,00	11,0	7,0	1,20 ±0,15	~ 1,00	100
014,0	9,53	14,0	8,0	1,20 ±0,15	~ 1,00	50
015,0	10,00	15,0	8,0	1,20 ±0,15	~ 1,00	50
015,0*	4,76	15,0	4,0	1,20 ±0,15	~ 1,10	600

• Spools as standard, cut pieces available on request
* Special size with ratio 4:1

Property

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

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 45°C) and in closed container.

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.

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