



### Features/Applications

GREMTUBE® GMW and GMWA are medium wall, halogen free, irradiated polyolefin heat shrink tubing (GMW), with adhesive (GMWA).

GREMTUBE® GMW and GMWA offers good electrical insulation properties, high resistance to impact, abrasion and UV radiation. 3:1 shrink ratio allows it to fit over irregular shapes and large connectors.

GREMTUBE® GMW and GMWA are suitable for a variety of low voltage (up to 15kV) electrical equipment and cable connections in wet environments such as marine vessels, off-shore oil platforms, shipyard and harbor applications when zero halogen properties are required.

### Various

Standard colour: Black.

### Specifications

UV resistant.

#### Dimensions



Reference GREMTUBE® GMW / GMWA	As supplied (mm)		After recovery (mm)		Standard Length (m)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Inside Diameter Max. (d)	Total Wall Thickness Nom. (t)	
008,0	8,0	2,0	2,00	1,2	
009,0	9,0	3,0	2,00	1,2	
012,0	12,0	4,0	2,00	1,2	
016,0	16,0	5,0	2,20	1,2	
019,0	19,0	6,0	2,50	1,2	
022,0	22,0	6,0	2,50	1,2	
025,0	25,0	8,0	2,50	1,2	
028,0	28,0	6,0	2,50	1,2	
033,0	33,0	8,0	2,50	1,2	
035,0	35,0	12,0	2,50	1,2	
040,0	40,0	12,0	2,50	1,2	
045,0	45,0	13,0	2,50	1,2	
055,0	55,0	16,0	2,70	1,2	
065,0	65,0	19,0	2,80	1,2	
075,0	75,0	22,0	3,00	1,2	
085,0	85,0	25,0	3,00	1,2	
095,0	95,0	25,0	3,00	1,2	
115,0	115,0	34,0	3,00	1,2	
130,0	130,0	36,0	3,00	1,2	
140,0	140,0	42,0	3,00	1,2	
160,0	160,0	50,0	3,00	1,2	
175,0	175,0	58,0	3,00	1,2	
200,0	200,0	65,0	3,00	1,2	
230,0	230,0	75,0	3,00	1,2	
260,0	260,0	85,0	3,00	1,2	

• Cut pieces available on request

#### Property

Property	Values	Test Methods
<b>Physical</b> Working temperature	-55°C to +105°C	-
Longitudinal change	-10% to 0%	-
Tensile strength	Unaged	≥ 12 MPa
Elongation at break		≥ 400%
Tensile strength	Aged (168h @ 158°C)	≥ 12 MPa
Elongation at break		≥ 350%
Heat shock	4h @ 200°C	No crack
Low temperature flexibility	4h @ -55°C	No crack
<b>Electrical</b> Dielectric strength	≥ 15 kV/mm	ASTM D 2671
Volume resistivity	≥ 10 <sup>14</sup> Ω.cm	ASTM D 2671
<b>Adhesive</b> Peel strength to steel	80 N/25 mm	ASTM D 2671
Peel strength to XLPE	110 N/25 mm	ASTM D 2671

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



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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.