



### Features/Applications

GREMTUBE® GHW and GHWA are halogen free, heavy wall, irradiated polyolefin heat shrink tubing (GHW), with adhesive (GHWA).

GREMTUBE® GHW and GHWA 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® GHW and GHWA are suitable for a variety of medium voltage (up to 36kV) 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.

Flame retardant version is available on request (GREMTUBE® GHW-FR / GHWA-FR)

### Specifications

UV resistant.

#### Dimensions



Reference <i>GREMTUBE® GHW / GHWA</i>	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)	
009,0	9,0	3,0	2,60	1,2	
012,0	12,0	4,0	2,80	1,2	
016,0	16,0	5,0	3,00	1,2	
019,0	19,0	6,0	3,00	1,2	
022,0	22,0	6,0	3,25	1,2	
025,0	25,0	8,0	3,25	1,2	
028,0	28,0	6,0	3,25	1,2	
033,0	33,0	8,0	3,25	1,2	
035,0	35,0	12,0	3,95	1,2	
040,0	40,0	12,0	3,95	1,2	
045,0	45,0	13,0	3,95	1,2	
055,0	55,0	16,0	4,05	1,2	
065,0	65,0	19,0	4,05	1,2	
075,0	75,0	22,0	4,05	1,2	
085,0	85,0	25,0	4,05	1,2	
095,0	95,0	25,0	4,05	1,2	
105,0	105,0	30,0	4,05	1,2	
115,0	115,0	34,0	4,05	1,2	
130,0	130,0	36,0	4,05	1,2	
140,0	140,0	42,0	4,05	1,2	
160,0	160,0	50,0	4,05	1,2	
175,0	175,0	58,0	4,05	1,2	
200,0	200,0	65,0	4,05	1,2	
235,0	235,0	65,0	4,50	1,2	
265,0	265,0	75,0	4,50	1,2	
300,0	300,0	85,0	4,50	1,2	
350,0	350,0	100,0	4,50	1,2	

•Cut pieces available on request

#### Property

		Values	Test Methods
<b>Physical</b>	Working temperature	-55°C to +105°C	-
	Longitudinal change	-10% to 0%	-
	Tensile strength	≥ 12 MPa	ASTM D 2671
	Elongation at break	Unaged ≥ 400%	
	Tensile strength	≥ 12 MPa	ASTM D 2671
	Elongation at break	Aged (168h @ 150°C) ≥ 350%	
Heat shock	4h @ 200°C	No crack	ASTM D 2671
Low temperature flexibility	4h @ -55°C	No crack	ASTM D 2671
<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.

