

MEDIUM & HEAVY WALL TUBING

GREMTUBE® GHW / GHWA

Halogen free, heavy wall tubing (GHW), with adhesive (GHWA)























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

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



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Reference	As supplied (mm)	After recovery (mm)		Ctandayd Langth	
GREMTUBE® GHW / GHWA	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Total Wall Thickness Nom. (t)	Standard Length (m)	
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 ut pieces available on request	350,0	100,0	4,50	1,2	

Property		Values	Test Methods		
Physical	Working temperature		-55°C to +105°C	-	
	Longitudinal change		-10% to 0%	-	
	Tensile strength	Unaged	≥ 12 MPa	ASTM D 2671	
	Elongation at break	Unaged	≥ 400%	ASTM D 20/1	
	Tensile strength	Aged (168h @ 150°C)	≥ 12 MPa	ASTM D 2671	
	Elongation at break	Aged (10011 @ 130°C)	≥ 350%	A31M D 20/1	
	Heat shock	4h @ 200°C	No crack	ASTM D 2671	
	Low temperature flexibility	4h @ -55°C	No crack	ASTM D 2671	
Electrical	Dielectric strength		≥ 15 kV/mm	ASTM D 2671	
	Volume resistivity		$\geq 10^{14} \Omega.cm$	ASTM D 2671	
Adhesive	Peel strength to steel		80 N/25 mm	ASTM D 2671	
	Peel strength to XLPE		110 N/25 mm	ASTM D 2671	07/0

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





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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