

Features/Applications

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

GREMTUBE® GHW and GHWA offer 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 low voltage (up to 36kV) electrical and telecommunication applications, cable joints and terminations where zero halogen properties are required.

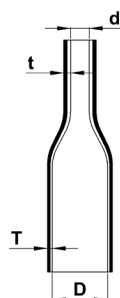
Various

Standard colour: Black. Red available on request.

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

Specifications

Resistant to UV radiation.



Dimensions

Reference <i>GREMTUBE® GHW / GHWA</i>	As supplied (mm)	After recovery (mm)		Standard Length stick (m)
	Inside Diameter Mini. (D)	Inside Diameter Maxi. (d)	Wall Thickness Mini. (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
033,0	33,0	8,0	3,25	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
100,0	100,0	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
150,0	150,0	42,0	4,05	1,2
150,0	150,0	50,0	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

• Other length and cut pieces available on request

Property

		Values	Test Methods
Physical	Working temperature	-55°C to +125°C	-
	Longitudinal change	± 10%	-
	Tensile strength	Unaged	ASTM D 2671
	Elongation at break		
	Tensile strength	Aged 168h @ 150°C	ASTM D 2671
	Elongation at break		
	Heat shock	4h @ 200°C	ASTM D 2671
	Low temperature flexibility	4h @ -55°C	ASTM D 2671
Electrical	Dielectric strength	≥ 18 kV/mm	ASTM D 2671
	Volume resistivity	≥ 10 ¹⁴ Ω-cm	ASTM D 257
Chemical	Copper corrosion	168h @ 158°C	ASTM D 2671
	Water absorption	≤ 0,5%	ASTM D 570
Adhesive	Adhesive softening point	90 ±5°C	ASTM E 28
	Adhesive peel strength to PE	110 N/25mm	ASTM D 1000
	Adhesive peel strength to steel aluminum	80 N/25mm	ASTM D 1000

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



We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. GREMTEK shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.

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