



## Features/Applications

GREMTUBE® GBBH is a heavy wall, halogen free, irradiated polyolefin heat shrink tubing.  
GREMTUBE® GBBH offers high resistance to tracking and arcing (up to 36kV).  
GREMTUBE® GBBH enhances the insulation performances of bus bars in switchgears and substations when zero halogen properties are required.

## Various

Standard colour: Red.



## Dimensions



Reference	As supplied (mm)	After recovery (mm)		Standard Length (m)
GREMTUBE® GBBH	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Nom. (t)	
025,0	25,0	10,0	3,50	15
030,0	30,0	12,0	3,60	15
040,0	40,0	16,0	3,60	15
050,0	50,0	20,0	3,60	15
065,0	65,0	25,0	3,60	15
075,0	75,0	30,0	3,70	15
085,0	85,0	35,0	3,70	15
100,0	100,0	40,0	3,70	15
120,0	120,0	50,0	3,80	15
150,0	150,0	60,0	3,80	15
175,0	175,0	75,0	3,80	15

● Cut pieces available on request

## Product selection chart

Bus bar size (mm)	One bus bar layer	Two bus bar layers
20 x 3 / 25 x 3	25/10	30/12
30 x 3 / 30 x 4	30/12	40/16
30 x 10 / 40 x 4	40/16	50/20
40 x 10 / 50 x 5 / 50 x 6	50/20	65/25 (75/30)
50 x 8 / 50 x 10 / 60 x 6 / 60 x 8	65/25 (75/30)	75/30 (85/35)
60 x 10 / 80 x 6 / 80 x 8 / 80 x 10	75/30 (85/35)	100/40 (120/50)
100 x 8 / 100 x 10 / 100 x 12	100/40 (120/50)	120/50
100 x 15 / 120 x 10 / 120 x 12 / 120 x 15	120/50	150/60
150 x 12 / 150 x 15	150/60	175/75

## Property

		Values	Test Methods
<b>Physical</b>	Working temperature	-40°C to +105°C	-
	Tensile strength	Unaged	≥ 14 MPa
	Elongation at break	Unaged	≥ 500%
	Tensile strength	Aged (168h @ 136°C)	≥ 12 MPa
	Elongation at break	Aged (168h @ 136°C)	≥ 400%
	Heat shock	4h @ 200°C	No crack
	Low temperature flexibility	4h @ -40°C	No crack
<b>Electrical</b>	Thermal endurance	105°C	ASTM D 2671
	Dielectric strength (in insulation oil)	≥ 16 kV/mm	ASTM D 2671
	Volume resistivity	≥ 10 <sup>12</sup> Ω.cm	ASTM D 2671
	Tracking and erosion resistance	1h @ 2,5 or 2,75 kV	No tracking
<b>Chemical</b>	Copper corrosion	168h @ 158°C	No corrosion
	Colour fastness to light	Exposed vs unexposed	Colour does not change

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.