



Features/Applications

GREMTUBE® GREN-F and GRE-A-F are halogen free, heavy wall irradiated polyolefin heat shrink tubing (GREN-F), with adhesive (GRE-A-F). GREMTUBE® GREN-F and GRE-A-F offers good electrical insulation and mechanical protection. It ensures total encapsulation and a stiff splice after shrinkage over the component. GREMTUBE® GREN-F and GRE-A-F are suitable for protection of low voltage (up to 1 kV) cable connections when zero halogen properties and higher temperature are required.

Various

Standard colour: Black.

Specifications

UV resistant.



Dimensions

Reference <i>GREMTUBE® GREN-F / GRE-A-F</i>	As supplied (mm)	After recovery (mm)		Standard Length (m)	
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Total Wall Thickness Min. (t)		
009,0	9,0	3,0	2,00	1,0	1,5
013,0	13,0	4,0	2,30	1,0	1,5
019,0	19,0	6,0	2,60	1,0	1,5
023,0	23,0	6,0	2,60	1,0	1,5
033,0	33,0	8,0	3,20	1,0	1,5
045,0	45,0	12,0	4,40	1,0	1,5
051,0	51,0	16,0	4,30	1,0	1,5
063,0	63,0	19,0	4,60	1,0	1,5
068,0	68,0	22,0	4,30	1,0	1,5
085,0	85,0	25,0	4,20	1,0	1,5
105,0	105,0	30,0	4,20	1,0	1,5
130,0	130,0	36,0	4,00	1,0	1,5
140,0	140,0	42,0	4,60	1,0	1,5
165,0	165,0	50,0	4,30	1,0	1,5
185,0	185,0	50,0	4,40	1,0	1,5

● Cut pieces available on request

Property

		Values	Test Methods
Physical	Working temperature	-55°C to +125°C	-
	Longitudinal change	± 10%	ASTM D 2671
	Tensile strength	≥ 18 MPa	ASTM D 638
	Elongation at break	≥ 600%	
Electrical	Dielectric strength	≥ 25 kV/mm	IEC 243
	Volume resistivity	≥ 10 ¹³ Ω.cm	IEC 93
Chemical	Fluids resistance	Excellent	ISO 175-99

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.