MEDIUM & HEAVY WALL
GREMTUBE® GREN-F / GREA-F
Halogen free, heavy wall tubing (GREN-F), with adhesive (GREA-F)

Temp. +125°C -55°C | Ratio 3:1 to 4:1 | Recovery Temp. +120°C | Halogen FREE | RoHS | REACH

Features/Applications

GREMTUBE® GREN-F and GREA-F are halogen free, heavy wall irradiated polyolefin heat shrink tubing (GREN-F), with adhesive (GREA-F).
GREMTUBE® GREN-F and GREA-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 GREA-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	As supplied (mm)	After recovery (mm)		Standard Length (m)	
GREMTUBE® GREN-F / GREA-F	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	Unaged	≥ 18 MPa	ASTM D 638
	Elongation at break	Unaged	≥ 600%	ASTM D 638
Electrical	Dielectric strength		≥ 25 kV/mm	IEC 243
	Volume resistivity		≥ 10^{13} Ω.cm	IEC 93
Chemical	Fluids resistance		Good	-

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 45°C) and in closed container.

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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.

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