

SPECIALTY HEAT SHRINK PRODUCTS **GREMTUBE® GWAS**

Wraparound repair heat shrinkable tubing



Features/Applications

GREMTUBE® GWAS is halogen free, irradiated polyolefin heat shrink wraparound splice closure system with adhesive. GREMTUBE® GWAS offers a good mechanical protection, high resistance to impact and UV resistance and outstanding encapsulation properties.

GREMTUBE® GWAS is suitable to restore low voltage (up to 1kV) XLPE and PILC outer jackets cables.

Various

Standard colour: Black.

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Dimensions

Dimensions								
	Reference	As supplied (mm)	After recovery (mm)	Standard Length				
	GREMTUBE® GWAS	Max Cable Diam.	Min Cable Diam.	(mm)				
	034,0	34,0	8,0	500 - 1000 - 1500 - 2000				
	042,0	42,0	10,0	500 - 1000 - 1500 - 2000				
	053,0	53,0	13,0	500 - 1000 - 1500 - 2000				
	075,0	75,0	20,0	500 - 1000 - 1500 - 2000				
	093,0	93,0	25,0	500 - 1000 - 1500 - 2000				
	105,0	105,0	30,0	500 - 1000 - 1500 - 2000				
	135,0	135,0	34,0	500 - 1000 - 1500 - 2000				
	146,0	146,0	38,0	500 - 1000 - 1500 - 2000				
	164,0	164,0	42,0	500 - 1000 - 1500 - 2000				
	175,0	175,0	50,0	500 - 1000 - 1500 - 2000				
	198,0	198,0	55,0	500 - 1000 - 1500 - 2000				
	220,0	220,0	65,0	500 - 1000 - 1500 - 2000				

Property

Property			Values	Test Methods
Physical	Working temperature		-55°C to +110°C	-
	Bursting strength	Unaged	≥ 15 MPa	-
	Bursting strength	Aged 168h @ 150°C	≥ 13,7 MPa	-
	Cold crack resistance	≤ -40°C	No cracking	-
	UV resistance of Out / jacket	Carbon Content	≥ 2,6%	Heating rate: 20°C/min Gas flow rate: 300 cc/min
	Split resistance	@ 200°C @ 23°C	No split propagation	-
	Stress cracking	30 days @ 50°C	No cracking	10% Igepal Co 630
	Paint conversion		Completely conversion	Completely conversion
Electrical	Dielectric strength		≥ 12 kV/mm	Electrode surface Ø 6 mm Weight: 50 ± 2 gms Voltage steps: 2 kV/20sec.
Chemical	Bursting strength	@ 70°C	≥ 13,5 MPa	Fuel oil, Petroleum jelly
Adhesive	Peel strength	PE @ 23°C PB @ 23°C	≥ 7 DaN/25mm	-
	Shear strength	16h @ 60°C	≥ 10 DaN/25mm	-
	Corrosive effect		No effect	ASTM D1693

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



Other wrap around sleeves are also available on special request

- GWAS-R: Reinforced wraparound repair heat shrinkable tubing

Using the same compound as GWAS (hot melt adhesive), but with a special fiber glass reinforcing jacket.

GWAS-AL: Reinforced with aluminum layer wraparound repair heat shrinkable sleeve

Using the same compound as GWAS (hot melt adhesive), but with fiber glass reinforcing jacket and with aluminum moisture vapour barrier layer. 04/02/2019 Rev6

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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