



### 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.

### Dimensions

Reference <i>GREMTUBE® GWAS</i>	As supplied (mm)	After recovery (mm)	Standard Length (mm)
	Max Cable Diam.	Min Cable Diam.	
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

		Values	Test Methods	
<b>Physical</b>	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
<b>Electrical</b>	Dielectric strength	≥ 12 kV/mm	Electrode surface Ø 6 mm Weight: 50 ± 2 gms Voltage steps: 2 kV/20sec.	
<b>Chemical</b>	Bursting strength	@ 70°C	≥ 13,5 MPa	Fuel oil, Petroleum jelly
<b>Adhesive</b>	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

### 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.

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



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.