



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	As supplied (mm)	After recovery (mm)	Standard Length (mm)
GREMTUBE® GWAS	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
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
	Paint conversion	Completely conversion	10% Igepal Co 630 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

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.

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

