



Applications

GWAS is a wraparound irradiated polyolefin splice closure system with adhesive. GWAS offers superior mechanical protection, high resistance to impact and UV radiation and outstanding encapsulation properties. GWAS is suitable to restore low voltage (up to 1kV) XLPE and paper insulated cable's outer jackets.

Various

Standard colour: Black.

Dimensions

Reference	As supplied (mm)	After recovery (mm)	Standard length (mm)
<i>GREMTUBE® GWAS</i>	Max Cable Diam.	Min Cable Diam.	
42/10	42	15	500 - 1000 - 1500 - 2000
53/13	50	15	500 - 1000 - 1500 - 2000
75/20	75	22	500 - 1000 - 1500 - 2000
93/25	93	36	500 - 1000 - 1500 - 2000
105/30	130	38	500 - 1000 - 1500 - 2000
135/34	198	55	500 - 1000 - 1500 - 2000
146/38	146	38	500 - 1000 - 1500 - 2000
164/42	164	42	500 - 1000 - 1500 - 2000
175/50	175	50	500 - 1000 - 1500 - 2000
198/55	198	55	500 - 1000 - 1500 - 2000
220/65	220	65	500 - 1000 - 1500 - 2000

Property	Test Condition and method	Requirement
Bursting Strength	Test temp: 23±5°C	Min 15MPa
Thermal Agering Bursting Strength	168 Hrs at 150±2°C (After free shrinkage)	Min 13.7MPa
Dielectric strength	Electrode Surface Dia: 6 mm Wight: 50±2gms Voltage steps: 2 KV/20sec.	Min 12 KV/mm
Split Resistance	Temp: 200±2°C Test time: 23±3°C	No split Propagation
Carbot Content UV Res of Out/layer	Heating rate: 20°C/min Gas flow rate: 300cc/min	Min 2.6±0.25%
Cold Crack resistance	Test temp ≤ -40°C	No cracking
Resistance to aggressive media Bursting Strength	Test media: Fuel oil, petroleum jelly Test temp: 70±2°C	Min 13.7MPa
Environmental Stress cracking	10% Igepal Co 630 solution immersion Time 30 days Test temp: 50±3°C	No cracking
Temp. indicating paint conversion	Completely conversion	Completely conversion
Hot melt adhesive		
Peel Strength	-PE at 23±2°C -PE at 23±2°C -Pb at 23±2°C	Min 100N/25mm
Shear Strength	At 23±2°C	Min 200N
Corrosive Effect	Copper Mirror test Test time: 16hrs Test temp: 60±2°C	No effect

Other wrap around sleeves are also available on special request

- GWAS R: fiber glass reinforcing layer
Using the same compound as GWAS (hot melt adhesive), but with a special fiber glass reinforcing layer.
- GWAS S: fiber glass reinforcing layer with aluminum moisture vapour barrier layer
Using the same compound as GWAS (hot melt adhesive), but with fiber glass reinforcing with aluminum moisture vapour barrier layers.

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

