



DW-AS MEDIUM & HEAVY WALL TUBING

Wraparound sleeves

Applications

DW-AS cross linked polyethylene wraparound sleeves are suitable to restore XLPE and paper insulated cable's outer jackets quickly and securely. They give excellent electrical, environmental and mechanical protection in LV joints. The sleeves are lined with hot-melt adhesive to ensure moisture or water penetration. Also suitable to use in LV branch joints.

Features

The wraparound sleeves are made from thermally stabilized cross linked weather resistant polymeric material. When heating, the sleeve shrinks and the adhesive melts create a watertight bond between the sleeve and the cable. Sleeve materials equals to the material properties of the original cable jacket, it closes easily with a flexible stainless steel channel. For insulation on low voltage cable up to 1000V.

Technical Data

Property	Test Method	Typical Data
Bursting Strength	Test temp: 23±5°C	Min 15MPa
Thermal Ageing 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
Carbon 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

Dimensions

DW-AS	Max Cable Diam. (mm)	Min Cable Diam. (mm)	Lengths Supplied
42/15	42	15	500-1000-1500-2000 mm
50/15	50	15	500-1000-1500-2000 mm
75/20	75	20	500-1000-1500-2000 mm
93/25	93	25	500-1000-1500-2000 mm
105/30	130	30	500-1000-1500-2000 mm
135/34	135	34	500-1000-1500-2000 mm
146/38	146	38	500-1000-1500-2000 mm
164/42	164	42	500-1000-1500-2000 mm
175/50	175	50	500-1000-1500-2000 mm
198/55	198	55	500-1000-1500-2000 mm
220/65	220	65	500-1000-1500-2000 mm

*Other wrap around sleeves are also available on special request

- DW-AS/R: fiber glass reinforcing layer

Using the same compound as DW-AS (hot melt adhesive), but with a special fiber glass reinforcing layer.-

DW-AS/S: fiber glass reinforcing layer with aluminum moisture vapor barrier layer