

43SW SERIES HIGH VOLTAGE LINERLESS RUBBER SPLICING TAPE

DESCRIPTION

Electro Tape's 43SW series is a 30 mil electrical grade rubber splicing tape wound without a liner. Specially designed compound of ethylene propylene polymers (EPR) that exhibits high conformability along with high voltage insulating properties.

FEATURES

- Self-fusing and highly conformable producing tight, moisture resistant insulation without loss of electrical properties when elongated.
- Rated for up to 90°C continuous operating temperature and intermittent service at 130°C.
- Will not crack low temperatures – even at -40°C.
- Meets industry standards for physical and electrical for flame retardancy.

APPLICATIONS

- Use as primary electric insulation for low and high voltage applications through 69KV.
- For moisture sealed electrical connections.
- For end-sealing high voltage cables.

PHYSICAL PROPERTIES

Property	Test Method	Measurement
Color		Black
Thickness		30 mil (0.762mm)
Tensile Strength		250 psi (1.72MPa)
Ultimate Elongation		1000%
Dielectric Strength	ASTM D-4325	750 volts / mil (29.5 MV/m)
Dielectric Strength in H2O	ASTM D-4325	750 volts / mil (29.5 MV/m)
Dielectric Constant 500v @ 100Hz 23°C	ASTM D-4325	3.4
Dielectric Constant 500v @ 100Hz 90°C	ASTM D-4325	3.5
Dissipation Factor 500v @ 100Hz 23°C	ASTM D-4325	0.70%
Dissipation Factor 500v @ 100Hz 23°C	ASTM D-4325	3.00%

Physical characteristics shown are averages from tests recommended by our own procedures. A particular roll may vary slightly from these averages. The buyer should determine the suitability for his own use.

