

43L High Voltage Splicing Tape

DESCRIPTION

A lined, pressure sensitive adhesive with an elastomeric backing that is self-fusing when wrapped upon itself. The elastomer is an EPR rubber based electrical grade compound.

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 at -40°C.
- Flame Retardant. Meets industry standards for flame retardancy as defined by IEEE std. 27-1974 ANSI.
- Meets ASTM D4388 specifications.

APPLICATIONS

- Use as primary electric insulation for low and high voltage applications through 69KV.
- Electrical splices.

PHYSICAL PROPERTIES

Color (visual)	Black
Thickness	30 mils
Tensile Strength	300 psi
Ultimate Elongation	875%
Operating Temperature	90C
Emergency Overload	140C
Thermal Conductivity	0.177 W/moK
Ozone Resistance	Pass
Heat Resistance	Pass
UV Resistance	Pass
Dielectric Strength –Original	825 volts / mil
24 hrs in H2O	720 volts / mil
96 hrs @ 23C 96% humidity	800 volts / mil
Volume Resistivity –Original	>10 ¹⁸ ohm-cm
Aged 96 hrs @ 23C 96% RH	>10 ¹⁷ ohm-cm
Dielectric Constant	1200 volts @ 60 Hz
-23C	3.7
- 90C	3.6

The physical and performance characteristics shown are averages obtained from tests made by ASTM, government agencies or our own procedures. This product meets ASTM-D-4388 test standards. A particular roll may vary slightly from these averages and it is recommended that the purchaser determine the suitability for his own purpose.

**ELECTRO TAPE SPECIALTIES, INC, 13221 BYRD DRIVE, ODESSA, FL 33556
TOLL FREE: (800) 999-2218 TEL: (813) 920-2218 FAX: (813) 920-2272**

PRODUCT DATA