

DF130 Linerless Rubber Splicing Tape



Description

DF130 Electrical Tape is a highly conformable linerless Ethylene Propylene Rubber (EPR), high voltage insulating tape formulated to provide excellent thermal dissipation of splice heat. The tape will meet industry specifications for flame resistance

and has excellent physical and electrical properties which provide immediate moisture seals and void-free buildups. This product can be used for up to 69 kV applications.

Feature

- Linerless, self-bonding primary insulating tape rated up to 69 kV.
- High thermal conductivity.
- Flame retardant
- Physical and electrical properties unaffected by degree of stretch
- Physical and electrical properties unaffected by solvents normally used when splicing high-voltage cables.
- Compatible with common solid dielectric cable insulation.

Application

- Primary insulation for splicing all types of solid dielectric insulated cables up to 69 kV.
- Primary insulation for building stress cones up to 35kV on all solid dielectric cables
- High-voltage splices Jacketing and terminations
- Moisture sealant electrical connections
- Bus bar insulations
- End sealing high-voltage cables

Color

- Black

Dimension

Width	Thickness	Length
19mm (3/4 in)	0.76mm (30mils)	9.15m(30 ft)

Package

- 100 PCS/Carton

Specification

Index	Typical Value	Test Method
Tensile Strength	2.70MPa	ASTM D 4325
Elongation	880%	ASTM D 4325
Di-electric Strength	31.93kV/mm	ASTM D 4325
Volume Resistivity	$1.4 \times 10^{15} \Omega/25\text{mm}$	ASTM D 4325
Self-adhesion	III Pass	ASTM D 4388
Heat Exposure	Pass	ASTM D 4325
Ozone Resistance	Pass	ASTM D 4388
Ultraviolet Radiation Aging	Pass	ASTM D 4325
Xenon Lamp Aging	Pass	ISO4892-2
Normal Temperature	90°C (194°F)	
Emergency Temperature	130°C (266°F)	

*All these data are typical value

Warranty & Storage

- 5-year shelf life from date of manufacture
- 10°C/50°F to 27°C/80°F storage temperature
- <75% relative humidity

Images