

DF23 High Voltage Self Adhesive Insulation Tape (EPR)



Description

DF23 is a highly conformable, self-fusing ethylene propylene rubber (EPR) and high voltage tape. It is a non-vulcanizing, shelf-stable tape with excellent electrical properties. DF23 is mainly used for insulation applications of cable and other electrical devices up to 69kV.

Feature

- Splice and terminate cables, emergency overload temperatures up 266°F (130°C)
- Ethylene Propylene Rubber (EPR) tape
- Physical and electrical properties are unaffected when the degree of stretch
- Self-fusing (Adhesive) tape
- Liner not stick on tape
- Compatible with all solid dielectric cable Insulation as Polyethylene, XLP, PVC, Butyl Rubber, EPR and Oil-based rubber

Application

- Primary electrical insulation for splicing cable from 600 V to 69kV on all solid dielectric cables
- 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)	0.228mm (8.97mils)	9.15m(30 ft)
25mm (1 in)	0.76mm (30mils)	4.5m(15 ft)
38mm (1.5 in)		
50mm (2 in)		

Package

- 100 PCS/Carton

Specification

Index	Typical Value	Test Method
Tensile Strength	2.95MPa	ASTM D 4325
Elongation	880%	ASTM D 4325
Di-electric Strength	31.32kV/mm	ASTM D 4325
Volume Resistivity	3.5×10 ¹⁵ Ω/cm	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