

DF77 Fire-Retardant and Electric Arc Proofing Tape**Description**

DF 77 Tape is a fire retardant arc proofing tape designed to protect all types of electrical cables. It makes unsupported elastomer that expands to provide a thick char buildup. Insulating shield protects the cables and accessories from fault arc generated heat and flames. All adjacent wrapped cables and accessories are

protected when exposed to fault arcs until limiting devices can interrupt the faulted circuit.

Feature

- Flexible unsupported elastomer—clean, easy to apply, eliminates cuts and contusions of hands.
- Conformability provides wrinkle-free wrapping and complete coverage with minimum effort.
- Self-extinguishing
- Thin (30 mils) thickness, cable heat to be slow dissipated..
- Will last and maintain its arc proofing properties for the life of the cable.
- Water, salt water, acids, sewage and ultraviolet light resistant.
- Can be removed and reused.

Application

- To arc proof high-energy power cables where exposed to failures of other high-energy cables.
- To arc proof control cable when high energy power cables are present
- Provide additional electrical insulation, thus reducing possibilities of transferred arcs.

Color

- Black

Dimension

Width	Thickness	Length
60mm (2.36 in)	0.76mm (30mils)	5m(16.4 ft)

Package

- 100 PCS/Carton

Specification

Index	Typical Value	Test Method
Tensile Strength	6.1 MPa	ASTM D-1000
Elongation	510%	ASTM D-1000
Elongation in Low Temperature	131%	GB/T 2951.11-2008
Self-adhesion	Pass	ASTM D 4388
Moisture endurance	Pass	GA478-2004 5.6
Chemical Resistance	Pass	GA478-2004 5.7~5.9
Oxygen Index	54.5%	ASTM D 2863
Flammability	Pass	UL94 V-0 Self-extinguish
Flame Resistance (carbonization height)	0.93	GA 478-2004 5.11

*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