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3M Electrical Markets Division

Scotch 130C



Features

- Highly conformable, liner less, ethylene rubber, high voltage insulating tape
- Provides excellent thermal dissipation of splice heat
- Rated up to 90°C continuous operating temperature and short term 130°C overload service
- Provides immediate moisture seals and void- free build up
- Can be used for LV and HV applications (up to 69kV)
- Physical and electrical properties unaffected by degree of stretch
- Compatible with common, solid dielectric cable termination
- Uniform tape unwind from roll
- Stable over wide application temperature range
- Weather resistant

Applications

- Primary insulation for splicing all types of solid dielectric insulated cables
- Primary insulation for building stress cones on all types of solid dielectric insulated cables up to 35kV
- Jacketing on high voltage splices and terminations
- Moisture sealing electrical connections
- Bus bar insulation
- End sealing high voltage cables
- Motor leads
- Jacket repairs

PROPERTIES		
Colour	Black	
Thickness	0.76 mm	ASTM D- 4325
Tensile Strength		ASTM D- 4325
Operating Temperature	90°C	
Emergency Operating Temperature	130°C	
Dielectric Strength	29.5 MV/m	ASTM D- 4325

**This data is not to be used for specification. Values listed are for typical properties and should not be considered minimum or maximum.*

Installation Procedure

- Should be applied in successive half lapped, level wound layers until desired build up is reached
- Stretch tape in critical areas just short of its breaking point. Doing so will not alter its physical or electrical properties

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Important Notice

Before using 3M product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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