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3M Electrical Markets Division

Hi-Temp Tape

Hi-Temp Tape is a high temperature withstanding tape designed to protect all types of electrical cables. This tape acts as a heat shield and a flame barrier, thus protecting the cables and accessories



Features

- The tape is flexible, clean and easy to apply
- This tape can withstand continuous temperature of 600 degree centigrade and can withstand thermal shocks of 1000 to 1200 degree centigrade for few minutes.
- The tape is non-hygroscopic in nature and also is resistant to mild acids and alkali.

Applications

- To fire and arc proof high-energy power cables
- To provide additional thermal insulation to reduce possibilities of fire propagation.
- To protect cables & hose near the Steel Melting Shops
- To be used as a Thermal blanket (Non-Adhesive) for use as curtains

Installation Technique

Wrap Hi-Temp with minimum 50% over lap on the cables that needs to be protected. Two layer with 50% overlap needs to be provided for temperature ranging from 200 degree centigrade to 400 degree centigrade, and subsequently extra layer for every increase in temp of 250 degree Centigrade. The final end of the tape may be held by metal wire when the tape is exposed to temperatures of over 20 degree centigrade.

Availability

Hi-Temp tape is available in 2", 4" & 6" wide by 10-meter length.

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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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