



Heavy Duty Mining Tape 31

Data Sheet

April 2008

Product Description

Scotch® Heavy Duty Mining Tape 31 has a tough, abrasion-resistant backing for jacket repair on mining cables. Due to the extremely abrasive environment, the original jacket on the cable gets damaged often and needs to be repaired. The tape is flexible, and the self-healing property of the mastic keeps out moisture. Scotch® Mining Tape 31 is approved by MSHA (Mining Safety & Health Administration) as the outer jacketing of the 3M™ Mining Cable Splice Kits 3100 Series. The tape is printed with the MSHA logo.

Tape Features

- On-site, quick, universal cable repair
- Abrasion, water and oil-resistant, flexible, heavy-duty backing
- Moisture-resistant, self-healing, flame-retardant mastic
- MSHA-Approved

Applications

Repair of mining cables and outer jacket of mining cable splice kits.

Note: These data are not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum.

Typical Physical Properties	Test Method		
Color	Black		
Thickness	60 mils (1.52 mm)	ASTM D-4325	
Flame Resistance	Pass	MSHA-30-CFR Part 7	
Water Absorption	<0.50%	ASTM D-471	
Tensile Strength (Backing)	>1500 psi	ASTM D-412	
Elongation (Backing)	>400%	ASTM D-412	
Durometer (Backing)	60 (Shore A)	ASTM D-2240	



Available Roll Sizes

Scotch® Heavy Duty Mining Tape 31 is available in a 2 in. x 8.5 ft roll, from your local authorized 3M electrical distributor.

Complete Product and Use Specifications are available through the Electrical Markets Division, 3M Company.

Storage

Store behind present stock in a clean, dry place at a temperature of 70°F and 40 to 50% relative humidity. Good stock rotation is also recommended.

Shelf-Life

Scotch® Mining Tape 31 has a 5-year shelf life (from date of manufacture) when stored under the above recommended storage conditions.

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