

## 3M Electrical Markets Division

Scotch® Heavy Duty Mining Tape 31 and 3M™ Mining Cable Splice Kits 3100 Series



# Tough Mining Environments Demand a Tough Tape

Scotch® Heavy Duty Mining Tape 31 has a tough, abrasion-resistant backing for jacket repair on mining cables. Due to the extreme mining environment, the original jacket on mining cable gets damaged and needs repair. MSHA-approved Scotch® Heavy Duty Mining Tape 31 offers an innovative solution for cable repair. With its CSM Rubber backing, abrasion-resistant properties and flame retardant mastic, Scotch® Heavy Duty Mining Tape 31 applies easily and remains flexible while maintaining a strong moisture resistant seal.



Scotch® Heavy Duty Mining Tape 31 is approved by P-07-KA080005-MSHA (Mining Safety & Health Administration) as the outer jacketing of the 3M™ Mining Tape Splicing Kits 3100 Series. The tape is printed with the MSHA logo/approval number.

Scotch® Heavy Duty Mining Tape 31 allows for on-site, quick repair of mining cables. Scotch® Heavy Duty Mining Tape 31 is proudly made in the U.S.A.

### Benefits:

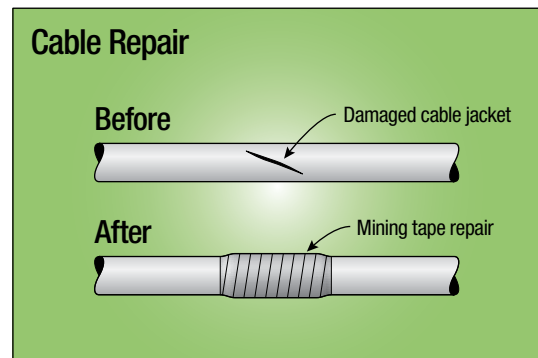
- Durable, flexible
- On-site, quick, universal cable repair
- Abrasion, water, UV, chemical and oil-resistant, heavy duty backing
- No heat required
- Moisture-resistant, self-healing, flame retardant mastic
- P-07-KA080005-MSHA Approved

### Uses:

For the repairing of mining cable, especially flexible cables.

### Standard Sizes:

|                |                  |                 |
|----------------|------------------|-----------------|
| 2" x 6' length | 2" x 8.5' length | 2" x 10' length |
| .06" thickness | .06" thickness   | .06" thickness  |



Abrasion  
and moisture resistant  
flexible, quick  
on-site cable repairs



### 3M™ Splice Kit Contents

| <b>Mining Cable Splice Kit 3100</b> |   | <b>Size</b>  | <b>Voltage</b> | <b>Cable Range</b> |
|-------------------------------------|---|--------------|----------------|--------------------|
| 1                                   | Scotch® Heavy Duty Mining Tape 31           | 2" x 8.5'    | 600V - 2kV     | #6-500 kcmil       |
| 1                                   | Scotch® Linerless Rubber Splicing Tape 130C | 1-1/2" x 30' | 600V - 2kV     | #6-500 kcmil       |
| 1                                   | 3M™ Temflex™ Vinyl Electrical Tape 1700P    | 1-1/2" x 44' | 600V - 2kV     | #6-500 kcmil       |
| 1                                   | 3M™ Cable Cleaning Preparation Kit CC-2-Dry |              | 600V - 2kV     | #6-500 kcmil       |

### **Mining Cable Splice Kit 3103**

|   |   |              |          |              |
|---|---|--------------|----------|--------------|
| 2 | Scotch® Heavy Duty Mining Tape 31           | 2" x 8.5'    | 5 - 15kV | #6-500 kcmil |
| 1 | 3M™ Temflex™ Vinyl Electrical Tape 1700P    | 1-1/2" x 44' | 5 - 15kV | #6-500 kcmil |
| 3 | Scotch® Electrical Shielding Tape 24        | 2" x 10'     | 5 - 15kV | #6-500 kcmil |
| 2 | Scotch® Rubber Mastic Tape 2228             | 1" x 10'     | 5 - 15kV | #6-500 kcmil |
| 2 | 3M™ Cable Cleaning Preparation Kit CC-2-Dry |              | 5 - 15kV | #6-500 kcmil |
| 3 | Scotch® Electrical Semi-conductive Tape 13  | 3/4" x 15'   | 5 - 15kV | #6-500 kcmil |
| 3 | Scotch® Linerless Rubber Splicing Tape 130C | 1-1/2" x 30' | 5 - 15kV | #6-500 kcmil |
| 3 | Scotch® Linerless Rubber Splicing Tape 130C | 3/4" x 30'   | 5 - 15kV | #6-500 kcmil |

### **Mining Cable Splice Kit 3104**

|   |   |              |     |              |
|---|---|--------------|-----|--------------|
| 1 | Scotch® Heavy Duty Mining Tape 31           | 2" x 8.5'    | 2kV | #6-500 kcmil |
| 1 | 3M™ Temflex™ Vinyl Electrical Tape 1700P    | 1-1/2" x 44' | 2kV | #6-500 kcmil |
| 2 | Scotch® Electrical Shielding Tape 24        | 2" x 10'     | 2kV | #6-500 kcmil |
| 1 | 3M™ Cable Cleaning Preparation Kit CC-2-Dry |              | 2kV | #6-500 kcmil |
| 2 | Scotch® Linerless Rubber Splicing Tape 130C | 1-1/2" x 30' | 2kV | #6-500 kcmil |



3M™ Mining Cable Splice Kit 3100



3M™ Mining Cable Splice Kit 3103



3M™ Mining Cable Splice Kit 3104



## Scotch® Mining Tape 31 and 3M™ Mining Cable Splice Kits 3100 Series (Cont.)

| Kit Replacement Products                    | Stock Number   | UPC (054007-) | Size                                | Packaging      | Minimum Order Qty. |
|---|----------------|---------------|-------------------------------------|----------------|--------------------|
| Scotch® Heavy Duty Mining Tape 31           | 80-6114-3749-4 | 051128-57149  | 2" x 6' length<br>(51 mm x 1,8 m)   | 10 rolls/box   | 10 rolls           |
| Scotch® Heavy Duty Mining Tape 31           | 80-6114-3400-4 | 051128-56812  | 2" x 8.5' length<br>(51 mm x 2,6 m) | 10 rolls/box   | 10 rolls           |
| Scotch® Heavy Duty Mining Tape 31           | 80-6114-3750-2 | 051128-57150  | 2" x 10' length<br>(51 mm x 3,05 m) | 10 rolls/box   | 10 rolls           |
| Scotch® Linerless Rubber Splicing Tape 130C | 80-6108-3340-4 | 41717         | 3/4" x 30'<br>(19 mm x 9,1 m)       | 24 rolls/box   | 24 rolls           |
| Scotch® Linerless Rubber Splicing Tape 130C | 80-6108-3341-2 | 41718         | 1-1/2" x 30'<br>(38 mm x 9,1 m)     | 12 rolls/box   | 12 rolls           |
| 3M™ Temflex™ Vinyl Electrical Tape 1700P    | 80-6116-0311-1 | 051128-60050  | 1-1/2" x 44'<br>(38 mm x 13,4) bulk | 90 rolls/box   | 90 rolls           |
| 3M™ Temflex™ Vinyl Electrical Tape 1700P    | 80-6116-0312-9 | 051128-60051  | 3/4" x 66'<br>(19 mm x 20,1 m)      | 100 rolls/box  | 100 rolls          |
| 3M™ Temflex™ Vinyl Electrical Tape 1700P    | 80-6116-0310-3 | 051128-60049  | 1-1/2" x 66'<br>(38 mm x 20,1 m)    | 50 rolls/box   | 50 rolls           |
| Scotch® Electrical Shielding Tape 24        | 80-6114-3889-8 | 051128-57289  | 2" x 10'<br>(51 mm x 3,05 m)        | 20 rolls/box   | 20 rolls           |
| Scotch® Electrical Semi-Conducting Tape 13  | HT-0020-0121-8 | 15017         | 3/4" x 15'<br>(19 mm x 4,57 m)      | 1/box, 10/ctn. | 10 rolls           |
| Scotch® Rubber Mastic Tape 2228             | 80-6107-3766-2 | 50727         | 1" x 10'<br>(25 mm x 3,05 m)        | 12 rolls/box   | 12 rolls           |
| Scotch® Rubber Mastic Tape 2228             | 80-6103-2294-5 | 09656         | 2" x 10'<br>(51 mm x 3,05 m)        | 12 rolls/box   | 10 rolls           |
| 3M™ Cable Cleaning Preparation Kit CC-2-Dry | 80-6112-0013-2 | 43414         |                                     | 10/each        | 10 kits            |
| 3M™ Cable Cleaning Preparation Kit CC-2     | 80-6105-9299-2 | 49563         |                                     | 10/each        | 10 kits            |
| Scotch® Glass Cloth Tape 27                 | 80-0120-2036-0 | 15074         | 3/4" x 66'                          | 50 rolls/box   | 10 rolls           |
| Scotch® Glass Cloth Tape 69                 | 80-0180-0360-0 | 09910         | 3/4" x 66'                          | 50 rolls/box   | 10 rolls           |

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### Important Notice

Before using this 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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