

# 3M™ Scotchcast™ Mine and Portable Cable Jacket Repair Kits M Series

## Jacket Repair Kits M-20, M-30 & M-40

3M™ Scotchcast™ M-series kits are designed to make permanent, shop-quality low- and high-voltage cable jacket repair and splices without vulcanizing. The M-series also features a versatile wraparound mold which maintains excellent physical and electrical properties in extreme conditions.

In addition to jacket repairing, the kits can be used for repairing damaged insulations and making partial or complete cable splices by using standard Scotch® Splicing Tapes (see page 3) and flame retardant 3M™ Scotchcast™ Compound 2130. Complete instructions are included with each kit.

### Agencies

Meets MSHA-142-5 when used with 3M™ Scotchcast™ Compound 2130.

### Each kit contains:

- Reusable wraparound mold
- Pouring spouts and enough spacer web to make ten cable jacket repairs
- 3M™ Scotchcast™ Compound 2130 can be used as a jacket replacement compound and is purchased separately.

### Ordering Information

Kit Number	Cable O.D. Range Inches (mm)		Maximum Repair Length Inches (mm)	
M-20	1.6 - 2.5	(41-63)	13 - 15*	(330)
M-30	1.85 - 4.0	(47-102)	20	(508)
M-40	1.85 - 6.0	(47-152)	32	(813)

\*13" for SHD-GC; 15" for 600/2000 V

### Ordering Information

Product Number	Size	Weight/Volume
2130	B	7.6 oz. (216 g) / 10.7 cu. in. (27,2 cu. cm)
2130	C	21.7 oz. (616 g) / 30.5 cu. in. (77,5 cu. cm)

### Replacement Materials

F-10 Funnels and SW-40 Spacer  
Available as separate items.



3M™ Scotchcast™ Flame-Retardant Compound 2130

### 2130 Flame Retardant Compound

3M™ Scotchcast™ Compound 2130 is a flame retardant compound designed primarily to replace the cable jacket when splicing or repairing mine and portable cable. The self-contained mixing and pouring bag makes on-site repairs easy and convenient. Plus the unique formulation bonds to all modern cable jackets yet remains flexible. The 3M™ Scotchcast™ Compound 2130 provides excellent multi-purpose moisture sealing and is ideal for plugs and cable crotch seals. Compound 2130 is used in the 3M™ Scotchcast™ 8096 Series, M-series Kits and 82F(BF) Series Kits.

### Compound 2130 for M-20, M-30, M40 Jacket Repair Kits

Nominal		Recommended Number of C bags per repair Nominal Repair Length		
Cable O.D. (in.)	(mm)	8 Inches (203 mm)	16 Inches (406 mm)	32 Inches (813 mm)
1.6	(41)	1	2	3
2.0	(51)	1	2	4
2.4	(61)	2	3	5
2.8	(71)	2	4	7
3.2	(81)	3	5	9
3.6	(91)	3	6	11
4.0	(102)	4	7	13