

3M™ Scotchcast™ Mine and Portable Cable Splicing Kits for 5, 8 and 15 kV

Splicing Kits 8096-2, 8096-4 & 8096-6

The 3M™ Scotchcast™ 8096 Series are complete cable splicing kits designed for splicing type SHD-GC three-conductor shielded cables up to 15 kV on draglines, power shovels, drills and type MPF underground power feeder cables and select trailing cables.

Each kits contains:

- Cold Shrink Insulation Tubes
- 3M™ Scotchcast™ Jacketing Compound 2130
- Cable cleaning and shielding materials to complete a three-conductor cable splice

Using 3M™ Scotchcast™ Splicing Kits, you obtain durable, permanent, shop-quality splices without vulcanizing.

Non-vulcanizing

Jacket restored by 2130 compound poured from two-part closed mixing pouch for convenient mixing and pouring. Compound is self-curing.

Permanent

Both electrically and mechanically flexible and moisture-resistant.

Portable

Make repairs in the mine or in the shop. Reduce costly cable and equipment down-time. Cables can be energized immediately.

Versatile

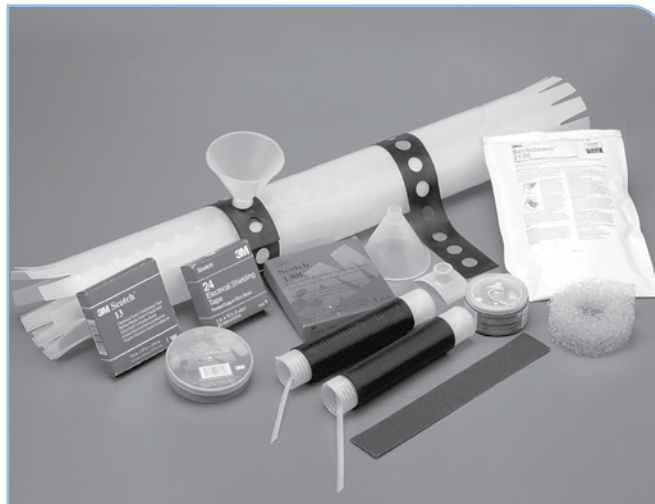
Three different cable splicing kits handle nearly all common cable sizes.

No End-Lifting

Polyurethane-based cable repair compound bonds to all modern cable jacket materials-neoprene and nitrite/PVC, even PVC, EPR and Hypalon.

Abrasion-Resistant

Equal in performance to vulcanizing.



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Agencies

Meets Mine Safety and Health Administration requirements for flame retardancy and carries acceptance number P-142-5 MSHA. American Bureau of Shipping 93 DL1873-X.

Weather Resistant

Designed to maintain physical and electrical properties in temperature extremes.

Ordering Information

Kit Number	Cable Type	Conductor Range AWG/kcmil (mm ²)		Voltage Rating
8096-2	SHD-GC	4-1/0	(22-50)	5 & 8 kV
8096-2	SHD-GC	2	(30-35)	15 kV*
8096-2	MPF-GC & MPF	4-3/0	(22-80)	5 & 8 kV
8096-2	MPF-GC & MPF	2-1/0	(35-50)	15 kV*
8096-4	SHD-GC	4-4/0	(22-100)	5 & 8 kV
8096-4	SHD-GC	2	(30-38)	15 kV*
8096-4	MPF-GC & MPF	4-300	(22-50)	5 & 8 kV
8096-4	MPF-GC & MPF	2-3/0	(35-80)	15 kV*
8096-6	SHD-GC	4/0-500	(100-250)	5 & 8 kV
8096-6	SHD-GC	1/0-500	(60-250)	15 kV*
8096-6	MPF-GC & MPF	250-500	(150-250)	5 & 8 kV
8096-6	MPF-GC & MPF	1/0-500	(60-250)	15 kV*

* Note: Additional splicing material may be needed for 15 kV.

