



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 downtime. 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.

AGENCIES

Meets Mine Safety and Health Administration requirements for flame retardancy and carries acceptance number P-142-5 MSHA. American Bureau of Shipping 93 DL11873-X.

WEATHER RESISTANT

Designed to maintain physical and electrical properties in temperature extremes.



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ORDERING INFORMATION

Kit Number	Cable Type	Conductor Range		Voltage Rating
		AWG/kcmil	(mm²)	
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.