

Electrical Resins

3M™ Armorcast Structural Material 4560

3M™ Armorcast Structural Material 4560 is a flexible fiberglass knit fabric strip that has been saturated with a black urethane resin syrup. The material is rolled and packed dry in a sealed foil envelope. Armorcast structural material is completely safe for use in manholes, vaults, and other hazardous environments, because no heat source is required. No flames, electric heaters or chemicals are needed. The only thing your crews will ever have to add is water.

Material	Fiberglass
RoHS 2011/65/EU	Yes
Agency Approvals	RUS



Order No.	UPC	Color	Roll Size	Case Qty.
4560-5	051138-57719	Black	5 ft (1,52 m)	5
4560-10	051138-57717	Black	10 ft (3,05 m)	5
4560-15	051138-57718	Black	15 ft (4,57 m)	5

3M™ Scotchcast™ Electrical Insulating Resin 2104

3M™ Scotchcast™ Electrical Insulating Resin 2104 is a hard, two-part, polyurethane resin encapsulant designed specifically for permanent splice protection. Resin 2104 is formulated for virtually every electrical application requiring hard, non-reenterable resin with good handling and performance characteristics. Resin 2104 is also used as the insulating material for cable splices operating at 1000 volts or less and is rated for continuous use at 194°F (90°C) with an overload rating of 266°F (130°C). It may be stocked to cover all hard resin needs, ending the need for multiple encapsulant inventories.

Voltage	1000 Volts or less
Cure Time	1 Hour at 70°F (21°C) 20 Hours at 20°F (-4°C)
Energize Time	Immediately
Max. Operating Temperature	194°F (90°C) continuous
Color	Dark Green
RoHS 2011/65/EU	Yes
Used in these kits	72-N; 85 Series



Order No.	UPC	Packaging Description	Weight oz (g)	Volume in ³ (cm ³)	Containers per Case
2104A	054007-31189	2-part pouch	3.46 (98)	5.7 (93,4)	10
2104B	054007-31382	2-part pouch	7.40 (210)	12.6 (206,4)	10
2104C	054007-31383	2-part pouch	14.82 (420)	25.4 (416,2)	10
2104D	054007-11849	2-part pouch	23.80 (675)	40.8 (668,5)	10
2104E	054007-31187	2-part pouch	10.6 (300)	19.1 (313,5)	10