






Insulating and Sealing Compounds

Scotchcast™ insulating and sealing compounds are compatible with most cable insulations and jackets and accommodate many splices including odd-shaped connectors. These compounds feature a high degree of mechanical strength and provide moisture resistance for above ground and buried applications.



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Product Information for Scotchcast Insulating and Sealing Compounds

	Product Number	Description	Gel Time @ 73° (23°C)	Energize Time	Used in these 3M Kits	Maximum Operating Temperature	Color
	Scotchcast 4 Electrical Insulating Resin	PERMANENT rigid, hard material insulating up to 8 kV jacketing up to 69 kV epoxy	16 mins.	45 min.*	82-A series 82-B1 85-14CP 90-B1	194°F (90°C) continuous 266°F (130°C) overload 482°F (250°C) intermittent	Black
	Scotchcast 2104 Electrical Insulating and Sealing Compound	PERMANENT semi-flexible 1000 volts max. polyurethane	18 mins.	Immediately	72-N 85 series	194°F (90°C) continuous 266°F (130°C) overload	Dark Green
	Scotchcast 2112 Reenterable Electrical Insulating Resin	REENTERABLE flexible polybutadiene	69 mins.	Immediately	78-R series	194°F (90°C) continuous 266°F (130°C) overload	Amber, Transparent
	Scotchcast 2130 Flame Retardant Compound	FLAME RETARDANT semi-flexible 5000 volts max. Permanent urethane MSHA P-142-5	15 mins.	Immediately	5750, 5760, 5831, 5832, 82-F1, 82-F2, 82-BF1, M-20, -30, -40	194°F (90°C) continuous 266°F (130°C) overload	Black
	Scotchcast 2135 Wet-Niche Potting Compound	FLEXIBLE wet niche putty urethane	15 mins.	Immediately		UL Listed 2L02 220°F (105°C)	Black

*At 73°F (23°C) and cooler temperatures, resin will cure slower. Do not energize until resin has cooled and solidified.

Specifications and Ordering Information for Scotchcast™ Resins

Product Number	UPC (054007-)	Size/Type of Package	Inner Unit Pack	Case Qty.
Scotchcast 4 Electrical Insulating Resin				
4	43165	A/3.2 oz. (90 g) 4.8 cu. in. (78,6 cu. cm)	1/box	10 each
4	43166	B/7.4 oz. (209 g) 11.2 cu. in. (183,5 cu. cm)	1/box	10 each
4	43167	C/14.7 oz. (418 g) 22.3 cu. in. (365,4 cu. cm)	1/box	10 each
4	04206	D/22.2 oz. (630 g) 33.6 cu. in. (550,6 cu. cm)	1/box	10 each
4	04207	E/10.4 oz. (294 g) 15.7 cu. in. (257,2 cu. cm)	1/box	10 each
Scotchcast 2104 Electrical Insulating and Sealing Compound				
2104	31189	A/3.46 oz. (98 g) 5.7 cu. in. (93,4 cu. cm)	1/box	10 each
2104	31382	B/7.4 oz. (210 g) 12.6 cu. in. (206,4 cu. cm)	1/box	10 each
2104	31383	C/14.82 oz. (420 g) 25.4 cu. in. (416,2 cu. cm)	1/box	10 each
2104	11849	D/23.8 oz. (675 g) 40.8 cu. in. (668,5 cu. cm)	1/box	10 each
Scotchcast 2112 Reenterable Electrical Insulating Compound				
2112	42049	C/12.3 oz. (350 g) 23.7 cu. in. (338,3 cu. cm)	1/box	10 each
2112	42050	D/21.2 oz. (600 g) 40.6 cu. in. (665,3 cu. cm)	1/box	10 each
Scotchcast 2130 Flame Retardant Compound				
2130	31401	B/7.6 oz. (216 g) 10.7 cu. in. (175,3 cu. cm)	1/box	10 each
2130	31402	C/21.7 oz. (616 g) 30.5 cu. in. (499,8 cu. cm)	1/box	10 each
2130 Part A	50237	A/5 gal. (18,93 L)		45
2130 Part B	50238	B/5 gal. (18,93 L)		54
2135 Wet-Niche Potting				
2135	69798	F/1.83 oz. (52,5 g) 3.3 cu. in. (54,0 cu. cm)	1/box	10 each
2135M Cable Repair Compound				
2135M	50433	F/1.83 oz. (52,5 g) 3.3 cu. in. (54,0 cu. cm)	1/bag	10 each