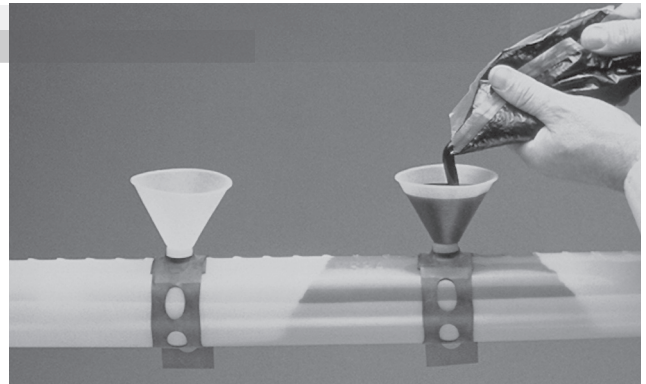







Insulating and Sealing Compounds

3M™ 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.



Specifications for 3M™ Scotchcast Insulating and Sealing Compounds

	Product Name	Description	Gel Time @ 73° (23°C)	Energize Time	Used in These 3M Kits	Maximum Operating Temperature	Color
	Scotchcast Electrical Insulating Resin 4	PERMANENT Rigid, hard material Insulating up to 8 kV Jacketing up to 69 kV epoxy	16 mins.	45 mins.*	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 Electrical Insulating and Sealing Compound 2104	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 2123 Re-enterable Electrical Insulating Resin	RE-ENTERABLE Flexible polybutadiene	62 mins.	Immediately	78-R Series	194°F (90°C) continuous 266°F (130°C) overload	Amber, Transparent
	Scotchcast Flame Retardant Compound 2130	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 Wet-Niche Potting Compound 2135	FLEXIBLE Wet niche putty Urethane	15 mins.	Immediately	—	UL Listed 2L02 220°F (105°C)	Black

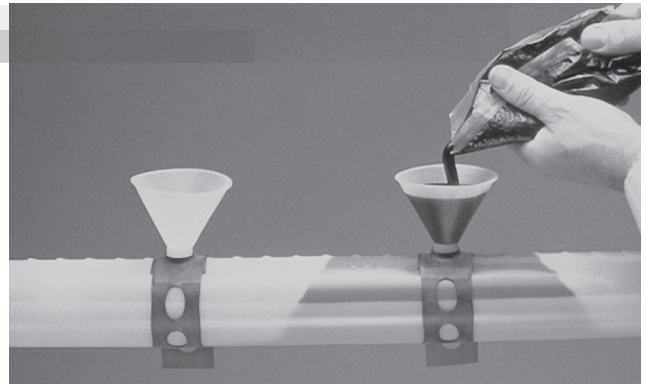
*At 73°F (23°C) and cooler temperatures, resin will cure slower. Do not energize until resin has cooled and solidified.

Specifications and Ordering Information for 3M™ Scotchcast™ Resins






Product Number	UPC (054007-)	Size/Type of Package	Inner Unit Pack	Case Qty.
3M SCOTCHCAST ELECTRICAL INSULATING RESIN 4				
4-A	43165	A/3.2 oz. (90 g) 4.8 cu. in. (78,6 cu. cm)	—	10 containers
4-B	43166	B/7.4 oz. (209 g) 11.2 cu. in. (183,5 cu. cm)	—	10 containers
4-C	43167	C/14.7 oz. (418 g) 22.3 cu. in. (365,4 cu. cm)	—	10 containers
4-D	04206	D/22.2 oz. (630 g) 33.6 cu. in. (550,6 cu. cm)	—	10 containers
4-E	04207	E/10.4 oz. (294 g) 15.7 cu. in. (257,2 cu. cm)	—	10 containers
3M SCOTCHCAST ELECTRICAL INSULATING AND SEALING COMPOUND 2104				
2104-A	31189	A/3.46 oz. (98 g) 5.7 cu. in. (93,4 cu. cm)	cont.	10 each
2104-B	31382	B/7.4 oz. (210 g) 12.6 cu. in. (206,4 cu. cm)	cont.	10 containers
2104-C	31383	C/14.82 oz. (420 g) 25.4 cu. in. (416,2 cu. cm)	1/box	10 containers
2104-D	11849	D/23.8 oz. (675 g) 40.8 cu. in. (668,5 cu. cm)	1/box	10 each
3M SCOTCHCAST RE-ENTERABLE ELECTRICAL INSULATING COMPOUND 2123				
2123-C	55120*	C/12.3 oz. (350 g) 23.7 cu. in. (338,3 cu. cm)	1/box	10 each
2123-D	55121*	D/21.2 oz. (600 g) 40.6 cu. in. (665,3 cu. cm)	1/box	10 each
3M SCOTCHCAST FLAME RETARDANT COMPOUND 2130				
2130-B	31401	B/7.6 oz. (216 g) 10.7 cu. in. (175,3 cu. cm)	1/box	10 each
2130-C	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)		1 pail
2130 Part B	50238	B/5 gal. (18,93 L)		1 pail
3M SCOTCHCAST WET-NICHE POTTING 2135				
2135	69798	F/1.83 oz. (52,5 g) 3.3 cu. in. (54,0 cu. cm)	1/box	10 each
3M SCOTCHCAST CABLE REPAIR COMPOUND 2135M				
2135M	50433	F/6.9 oz. (195 g) 12.25 cu. in. (13,12 cu. cm)	—	10 each
*UPC prefix 051128-				

Insulating and Sealing Compounds

3M™ 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.



Specifications for 3M™ Scotchcast Insulating and Sealing Compounds

	Product Name	Description	Gel Time @ 73° (23°C)	Energize Time	Used in These 3M Kits	Maximum Operating Temperature	Color
	Scotchcast Electrical Insulating Resin 4	PERMANENT Rigid, hard material Insulating up to 8 kV Jacketing up to 69 kV epoxy	16 mins.	45 mins.*	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 Electrical Insulating and Sealing Compound 2104	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 2123 Re-enterable Electrical Insulating Resin	RE-ENTERABLE Flexible polybutadiene	62 mins.	Immediately	78-R Series	194°F (90°C) continuous 266°F (130°C) overload	Amber, Transparent
	Scotchcast Flame Retardant Compound 2130	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 Wet-Niche Potting Compound 2135	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 3M™ Scotchcast™ Resins

Product Number	UPC (054007-)	Size/Type of Package	Inner Unit Pack	Case Qty.
3M SCOTCHCAST ELECTRICAL INSULATING RESIN 4				
4-A	43165	A/3.2 oz. (90 g) 4.8 cu. in. (78,6 cu. cm)	—	10 containers
4-B	43166	B/7.4 oz. (209 g) 11.2 cu. in. (183,5 cu. cm)	—	10 containers
4-C	43167	C/14.7 oz. (418 g) 22.3 cu. in. (365,4 cu. cm)	—	10 containers
4-D	04206	D/22.2 oz. (630 g) 33.6 cu. in. (550,6 cu. cm)	—	10 containers
4-E	04207	E/10.4 oz. (294 g) 15.7 cu. in. (257,2 cu. cm)	—	10 containers
3M SCOTCHCAST ELECTRICAL INSULATING AND SEALING COMPOUND 2104				
2104-A	31189	A/3.46 oz. (98 g) 5.7 cu. in. (93,4 cu. cm)	cont.	10 each
2104-B	31382	B/7.4 oz. (210 g) 12.6 cu. in. (206,4 cu. cm)	cont.	10 containers
2104-C	31383	C/14.82 oz. (420 g) 25.4 cu. in. (416,2 cu. cm)	1/box	10 containers
2104-D	11849	D/23.8 oz. (675 g) 40.8 cu. in. (668,5 cu. cm)	1/box	10 each
3M SCOTCHCAST RE-ENTERABLE ELECTRICAL INSULATING COMPOUND 2123				
2123-C	55120*	C/12.3 oz. (350 g) 23.7 cu. in. (338,3 cu. cm)	1/box	10 each
2123-D	55121*	D/21.2 oz. (600 g) 40.6 cu. in. (665,3 cu. cm)	1/box	10 each
3M SCOTCHCAST FLAME RETARDANT COMPOUND 2130				
2130-B	31401	B/7.6 oz. (216 g) 10.7 cu. in. (175,3 cu. cm)	1/box	10 each
2130-C	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)		1 pail
2130 Part B	50238	B/5 gal. (18,93 L)		1 pail
3M SCOTCHCAST WET-NICHE POTTING 2135				
2135	69798	F/1.83 oz. (52,5 g) 3.3 cu. in. (54,0 cu. cm)	1/box	10 each
3M SCOTCHCAST CABLE REPAIR COMPOUND 2135M				
2135M	50433	F/6.9 oz. (195 g) 12.25 cu. in. (13,12 cu. cm)	—	10 each
*UPC prefix 051128-				