

**3M** Science.  
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3M™ Scotchcast™ Electrical Resins

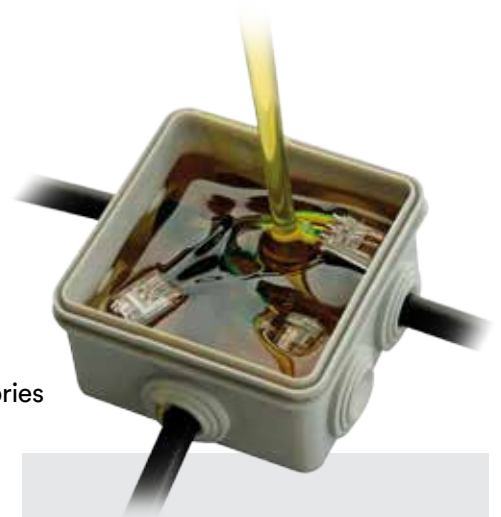
Reliable and easy to use re-enterable  
electrical insulation solutions for  
outdoor connections.



3M™ Scotchcast™ 8882  
Electrical Re-enterable Resin

# Outdoor Electrical Connections

- ▶ Available as bi-component bags or new Easy 250 cartridge dispenser
- ▶ Used to waterproof an electrical connection
- ▶ Waterproofing tested according to IEC60529 in appropriate cable accessories
- ▶ Excellent for outdoor electrical applications including connections for swimming pools, lighting, irrigation, intercom and gate systems.
- ▶ Continuous operating temperature of the resin at 90 °C, emergencies up to 130 °C.
- ▶ Quick re-power of the electrical connection
- ▶ Resin compatible with most materials
- ▶ Easy accessibility to the cable connection on re-entry
- ▶ Halogen, silicone and isocyanate free
- ▶ Low voltage insulation (0.6/1kV)
- ▶ Bonds to itself



IP68 Solution

- ▶ Resin has excellent dielectric and thermal properties

3M™ Scotchcast™  
Easy Dispenser 250

New

- ▶ Ready, easy to use cartridge
- ▶ Uses a static mixer to deliver resin
- ▶ Dispenser compatible with commercially available application guns.
- ▶ Enables accurate delivery of resin to connection.
- ▶ Basic bi-component bags also available in various sizes.



Bi-component bags for quick box filling

New Easy 250 dispenser for accurate resin dispensing

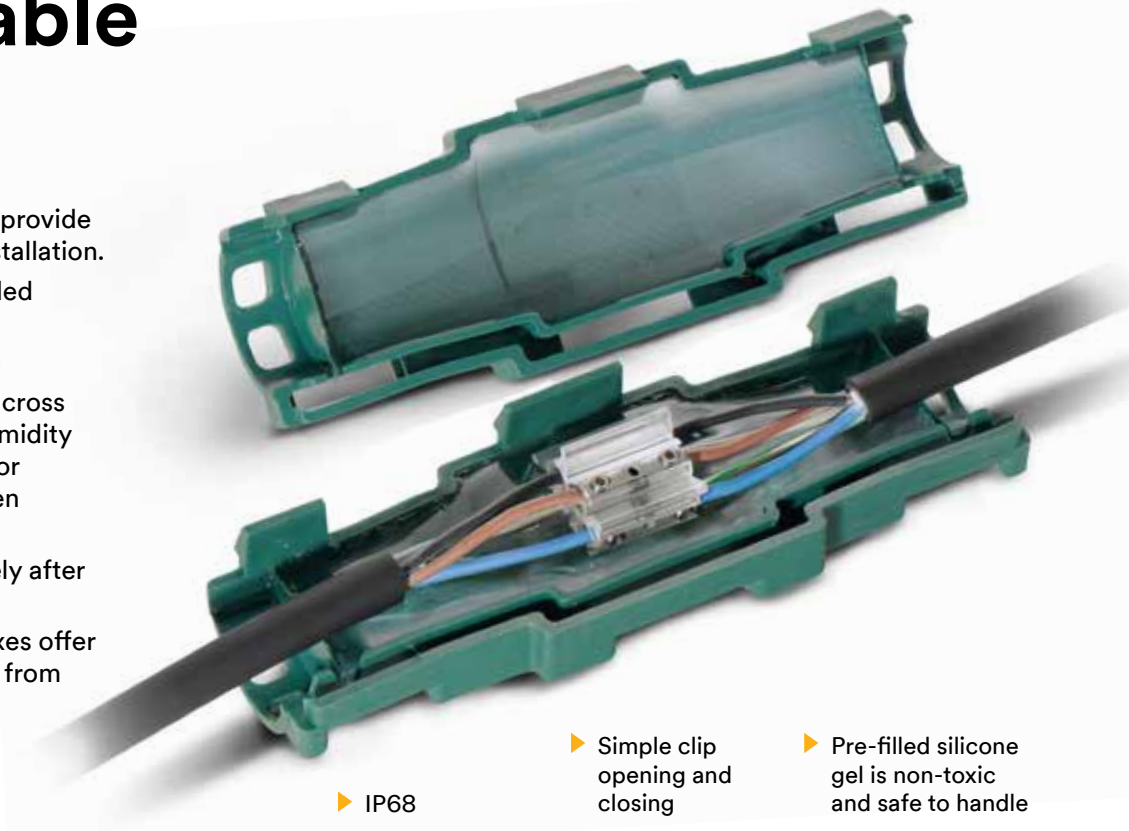
Soft and flexible resin, easy to re-enter

Types of Boxes			Easy 250	Bi-Component Bags		
Form	Dimension (mm)	Volume (ml)	N° Dispensers	Volume (ml)	N° Bags	Bag Type
	Ø 70 - H : 40	110	1	90	1	A
	Ø 80 - H : 45	175	1		2	
	65 × 65 × 40	170	1	292	2	E
	80 × 80 × 40	250	1		1	
	105 × 105 × 50	500	2		2	
	155 × 110 × 70	1250	5	385	3	C
	180 × 140 × 86	2000	8	659	3	D
	220 × 170 × 86	3250	13	659	5	

3M™ Direct Bury Closure Kit  
DBC Series

# Re-enterable Gelbox

- ▶ Pre-filled silicone gelboxes provide quick and safe electrical installation.
- ▶ Easy to connect with provided premium connector block.
- ▶ Excellent watertight sealing
- ▶ Ideal for use on small cable cross section (0.6/1kV) in high humidity environment such as outdoor electrical lighting and garden landscape applications.
- ▶ Ready for power immediately after closing the box
- ▶ 3M Direct Bury Closure boxes offer high mechanical protection from external forces.



▶ IP68

▶ Simple clip opening and closing

▶ Pre-filled silicone gel is non-toxic and safe to handle

- ▶ Gel filled splicing kit with electrical connectors.
- ▶ Closure tested according to EN 50393 standard.
- ▶ Phase spacer included for accurate connector positioning.
- ▶ Can be used in a vertical and horizontal position.
- ▶ UV resistant closure
- ▶ No shelf life to product



DBC-2C connector 5 × 1,5 - 6 mm<sup>2</sup>, mono and multi cable wire, rigid and stranded



DBC-3C connector 5 × 2,5 - 16 mm<sup>2</sup>, mono and multi cable wire, rigid and stranded

	3M Order Code	Reference	Dimensions	Cable Formation and Conductor Cross Section
3M™ Direct Bury Closure Kit - DBC Series	KE235126155	DBC-2C	180 × 60 mm	5 × 1,5 - 5 × 6 mm <sup>2</sup>
	KE235126163	DBC-3C	210 × 65 mm	5 × 2,5 - 5 × 16 mm <sup>2</sup>
	3M Order Code	Reference	Size	
3M™ Scotchcast™ 8882 Electrical Re-enterable Resin	UU001577251	Easy 250	250 mL (1x 250 mL)	
	UU003021522	8882 Size A	180 mL (2x 90 mL)	
	UU003021548	8882 Size E	292 mL (1x 292 mL)	
	UU003021514	8882 Size C	385 mL (1x 385 mL)	
	UU003021530	8882 Size D	659 mL (1x 659 mL)	

# Are you insulating, sealing, protecting or connecting?

*Call the 3M Electrical Helpline*

 **1800 3M ELEC**

**3M Electrical Products.  
Use the right stuff.**

**3M**

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