

3M Science.
Applied to Life.™

3M™ Scotchcast™ Resin

Resin Solutions for Low-Voltage Splicing, Insulating and Sealing.

**We have your solution for everyday
cable connection tasks.**

We've made this proven solution from 3M cleaner and easier to use. 3M™ Scotchcast™ Polyurethane Resin 40 now comes with a one-part mould that allows for a cleaner and more reliable application. Our ready-to-mix package contains two ideal proportions of resin, ready to combine. Thanks to the integrated spout and nozzle, the mix can be applied practically mess-free.



3M™ Scotchcast™ Polyurethane Resin 40

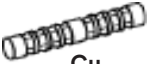



3M™ Scotchcast™ Polyurethane Resin 40 is suitable for electrical insulation and protection against environmental influences for low-voltage electrical splice joints up to 0.6/1.0 (1.2) kV.

Discover the advantages of 3M™ Scotchcast™ Polyurethane Resin 40:




- The closed mix and pour system ensures minimal spillage, precise application and a reduced risk of contact with the resin
- One-piece mould for fast, reliable and mess-free installation
- Low exothermic heat formula that prevents the cables from being damaged
- Applicable with larger cross-section cables
- Provides strong mechanical protection
- Available in a wide variety of sizes and with different types of moulds for various applications

Application Range [mm²] for different kit sizes using either Resin 40

In-Line Splice

3M™ Scotchcast™ Polyurethane Resin 40	 Cu		 Al		 Cu		 mm					
	Application Range in mm ²				Application Range in mm ²				Application Range in O.D.			
Kit Reference	4 ×		5 ×		4 ×		5 ×		4 × or 5 ×		mm	
92-NBA x series	4 ×		5 ×		4 ×		5 ×		4 × or 5 ×		mm	
92-NBA 0	1,5	4	1,5	2,5	–	–	–	–	–	4	16	
92-NBA 1	1,5	10	1,5	6	–	–	–	–	–	10	22	
92-NBA 2	6	16	2,5	10	–	–	–	–	–	12	25	
92-NBA 3	16	25	6	16	–	–	–	–	–	13	32	
92-NBA 4	25	50	16	35	16	35	16	25	–	18	36	
92-NBA 5	50	95	25	50	35	70	25	50	–	19	45	
92-NBA 6	70	120	50	95	70	120	50	95	–	27	54	
92-NBA 7	120	240	95	150	95	240	95	150	–	29	64	
92-NBA 1C (w/Conn)	–	–	–	–	–	–	–	–	1,5	6	10	22
92-NBA 3C (w/Conn)	–	–	–	–	–	–	–	–	1,5	16	10	32

T-Branch Splice

3M™ Scotchcast™ Polyurethane Resin 40									 mm	
	Application Range in mm ²								Application Range in O.D.	
Kit Reference	Application Range in mm ²				Application Range in mm ²				Application Range in O.D.	
92-NBC series	4 × Main Cable		4 × Branch Cable		5 × Main Cable		5 × Branch Cable		mm	
92-NBC 2	4	35	4	25	2,5	25	2,5	25	16	33
92-NBC 2C (w/Conn)	4	16	4	16	2,5	16	2,5	16	16	33

Application Range [mm²] for different kit sizes using either Resin 40

Y-Branch Splice

Kit Reference	Application Range in mm ²				Application Range in mm ²				Application Range in O.D.	
	4 × Main Cable		4 × Branch Cable		5 × Main Cable		5 × Branch Cable		mm	
92-NBB 0	1,5	4	1,5	4	-	-	-	-	9	18
92-NBB 1	2,5	16	2,5	16	1,5	10	1,5	10	11	23
92-NBB 2	4	35	4	35	2,5	25	2,5	25	16	33
92-NBB 1C (w//Conn)	2..5	16	2,5	25	1,5	10	1,5	10	11	23
92-NBB 2C (w/Conn)	4	10	4	10	2,5	16	2,5	16	16	33

3M™ Scotchcast™ Polyurethane Resin 40



Kit Reference	ml	Nozzle
RESIN 40 BAG SIZE A	90	Y
RESIN 40 BAG SIZE B	200	Y
RESIN 40 BAG SIZE C	370	Y

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application.

As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: A limitation of liability applies to the 3M product(s). For warranty statement and limitation of liability, refer to your supply agreement or the 3M terms & conditions of sale.

Not for consumer sale or use. For additional product information, visit 3M Global Gateway (3M.com).



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