

# Insulating and Splicing

Trusted tapes for insulating and splicing tasks in heavy and medium industrial environments.

## Task: Insulating and Splicing in Overhead Cable Trays

**Option 1:** Reverse wrap the splice initially with Scotch® Super 33+™ Vinyl Electrical Tape, adhesive side out. Then add a mastic tape like Scotch® Rubber Mastic Tape 2228, to moisture seal, and finish with a premium vinyl tape. In a tight space or a box where there are multiple leads, Scotch® Super 33+™ Vinyl Electrical Tape provides the better stretch for a thin finish tape.



**Option 2:** Reverse wrap the splice initially with Scotch® Super 33+™ Vinyl Electrical Tape, adhesive side out. Then add a rubber tape like Scotch® Rubber Splicing Tape 23, to moisture seal, and finish with a premium vinyl tape. In a tight space or a box where there are multiple leads, Scotch® Super 33+™ Vinyl Electrical Tape provides the better stretch for a thin finish tape.



**Option 3:** Reverse wrap the splice initially with Scotch® Vinyl Electrical Tape Super 88, adhesive side out. Then add a rubber tape like Scotch® Rubber Splicing Tape 23, to moisture seal, and finish with a thicker premium vinyl tape like Scotch® Vinyl Electrical Tape Super 88, a great tape that gives you extra padding at 0.22 mm and robust performance when you need it.



## Task: Insulating and Splicing in Busbar

**Option 1:** Reverse wrap\* the Bus Bar initially with Scotch® Super 33+™ Vinyl Electrical Tape, adhesive side out. Then add a mastic tape like Scotchfil™, to bolster up edges, apply additional Scotch 23 Rubber Splicing Tape for insulation, and finish with a premium vinyl tape for additional protection. In a tight space or a box where there are multiple leads, Scotch® Super 33+™ Vinyl Electrical Tape provides the better stretch for a thin finish tape.



**Why do a reverse wrap?**  
Reverse wrap allows for clean re-entry to connections if needed at a later time. Reverse wrapping is an option and not a requirement.



**3M**

**3M United Kingdom PLC**  
3M Centre  
Cain Road, Bracknell  
Berkshire RG12 8HT  
[www.3m.co.uk](http://www.3m.co.uk)

**Suomen 3M Oy**  
Keilaniementie 1  
02150 ESPOO  
PL 600, 02151 ESPOO  
puh. 09 525 21 191  
[www.3msuomi.fi](http://www.3msuomi.fi)

**3M Ireland Limited**  
The Iveagh Building  
Carrickmines Park,  
Carrickmines, Dublin 18  
[www.3mireland.ie](http://www.3mireland.ie)

**3M Norge AS**  
Tærdgata 16  
2004 Lillestrøm  
Norway  
[www.3mnorge.no](http://www.3mnorge.no)

**3M a/s**  
Hannemanns Allé 53  
DK-2300 København S  
Denmark  
[www.3mdanmark.dk](http://www.3mdanmark.dk)

**3M Svenska AB**  
Herrjärvatorg 4  
170 67 Solna  
Sweden  
[www.3msverige.se](http://www.3msverige.se)

**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. For industrial/occupational use only. Not for consumer sale or use. For additional product information, visit 3M Global Gateway ([3m.com](http://3m.com)).

3M, Scotch, Super 33+ and Scotchfil are trademarks of 3M Company.  
© 3M 2023. All rights reserved.