



## Cable Jacket Repair

## Reliable cable jacket repair to help you reduce or eliminate downtime.

## Task: Repair for minor damages

For repairing damages like scratches and grooves from sharp edges, please follow the steps below:

- Clean the cable surface with a solvent and sandpaper.
  We recommend using 3M™ Cable Preparation kit CC-3 or Scotch® 1626
  Degreasing and Cleaning.
- Half-lap Scotch® Cable Jacket Repair Tape 2234 over the damaged jacket area.
- Overwrap each end with Scotch® Super 33+™ Vinyl Tape. This tape will add radial pressure to ensure the best adhesion and sealing.



## Task: Repair for substantial damage

When dealing with more significant damage where a portion of the cable jacket is torn, first check if the inner layers of the cable are untouched. Then please proceed as follows:

- Remove the torn edges of the cable jacket.
- Clean the cable surface with a solvent and sandpaper.
  We recommend using 3M™ Cable Preparation kit CC-3 or Scotch® 1626
  Degreasing and Cleaning Spray.
- Fill and seal the holes with 3M<sup>™</sup> Scotchfil™ Electrical Insulation Putty.
- Overwrap the whole repair length with Scotch® Cable Jacket Repair Tape
  2234



When to repair cable jackets versus splicing them or replacing them? The selection of Scotch® Cable Jacket Repair Tape 2234 and methods of repair depend on the nature of the damage. Scotch® Cable Jacket Repair Tape 2234 should be used to repair scratched and slightly damaged cable jackets, or substantial repairs where a section of the cable jacket is missing. Repairs with Scotch® Cable Jacket Repair Tape 2234 are possible if the conductors or inner part of the cable construction are not damaged. Otherwise, the cable needs to be spliced or replaced.





3M



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 only1. Not for consumer sale or use. For additional product information, visit 3M Global Gateway (3M.com).

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