

November, 2010

3M™ Scotch® Polyethylene Coated Cloth Tape 390

Product Description

Scotch® Polyethylene Coated Cloth Tape 390 has a durable backing with a rubber adhesive used for applications requiring high strength and moisture resistance.

Product Features

- Conformable and moisture resistant backing.
- High tensile strength for the most demanding applications.
- Good holding power.
- Hand-tearable.
- High tack rubber adhesive bonds well to many surfaces with excellent initial stick.



3M™ Scotch® Polyethylene Coated Cloth Tape 390

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

| Property | Values | | Method |
|----------------------|---------------------------|----------|------------|
| Color | Olive Green, Silver | | |
| Total Tape Thickness | 0.3 mm | 11.7 mil | ASTM D3652 |
| Backing | Polyethylene coated cloth | | |
| Adhesive | Rubber | | |

Typical Performance Characteristics

| Property | Values | | Method | Dwell/Cure Time | Dwell Time Units | Temp C | Temp F |
|-----------------------|-------------|--------------|------------|-----------------|------------------|--------|--------|
| 180° Peel Adhesion | 12.5 N/cm | 114 oz/in | ASTM D3330 | 72 | hr | 23C | 73F |
| Tensile Strength | 84 N/cm | 768 oz/in | ASTM D3759 | | | | |
| Elongation at Break | 12 % | | ASTM D3759 | | | | |
| Temperature Use Range | Up to 93 °C | Up to 200 °F | | | | | |

3M™ Scotch® Polyethylene Coated Cloth Tape 390

Available Sizes

| Property | Values | |
|----------------------|--------|-------|
| Standard Roll Length | 54.8 m | 60 yd |

Handling/Application Information

Application Ideas

- Sealing and protecting articles for shipment where moisture resistance is important.
- Applications in the construction, electrical, industrial, marine and military markets.
- Applications for sealing, holding, identification and protection.
- Maintenance Repair and Other (MRO) applications for patching, bundling, reinforcing, tabbing and temporary repair.
- Hanging polyethylene drapes, industrial masking and light sandblast overspray protection.

Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.
To obtain best performance, use this product within 24 months from date of manufacture.

Trademarks

Scotch is a registered trademark of 3M.

References

| Property | Values |
|-------------------------|---|
| 3m.com Product Page | https://www.3m.com/3M/en_US/company-us/all-3m-products/~/Scotch-Polyethylene-Coated-Cloth-Tape-390?N=5002385+3293241456&rt=rud |
| Safety Data Sheet (SDS) | https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=390 |

3M™ Scotch® Polyethylene Coated Cloth Tape 390

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

Information

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

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, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.