

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[3M](#)

[890-CLEAR-12MMX55M](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Scotch® Filament Tape 890T



Technical Data

June, 2009

Product Description

Scotch® Filament Tape 890T is a high-performance transparent packaging tape reinforced with continuous glass yarn filaments which gives the tape very high tensile strength. The 3M™ Scotchpar™ backing provides excellent abrasion, moisture, and scuff resistance. The adhesive is an aggressive packaging adhesive specifically formulated to provide balanced performance, having both high adhesion and long-term holding power.

Construction

| Backing | Adhesive | Reinforcement | Backing Color |
|---------------------|---------------------------------|---------------|---------------|
| 3M™ Scotchpar™ film | Pressure sensitive rubber resin | Glass yarn | Clear |

Typical Physical Properties

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

| | | ASTM Test Method |
|----------------------|--|------------------|
| Adhesion to Steel: | 70 oz./in. width (77 N/100 mm width) | D-3330 |
| Tensile Strength: | 600 lbs./in. width (10,500 N/100 mm width) | D-3759 |
| Elongation at Break: | 3% | D-3759 |
| Total Thickness: | 8.0 mil (0.20 mm) | D-3652 |

Features

- Meets ASTM D5330, Type III (replaces PPP-T-97E and CID A-A-1687B).
- Abrasion and moisture resistant.
- Good handling.
- Printable by the print seal process.
- Very high tensile strength.
- High shear strength.
- Good initial adhesion.
- Excellent aging before and after application.
- Good protection of filaments and adhesive to provide longer package life.
- Assures maximum package performance for limited outdoor use.
- Saves time through ease of dispensing and handling versus glue and strapping.
- Provides advertising and warning capability when printed.
- Low unit cost on applications where high tensile strength is main requirement by using less tape.
- Good holding under a wide range of application conditions with minimum amount of tape.
- Boxes remain securely closed through normal warehouse time cycles.

Scotch® Filament Tape

890T

| | | |
|-----------------|------------------|---|
| Available Sizes | Standard Widths: | .47 in. (12 mm), .71 in. (18 mm), .94 in. (24 mm), 1.4 in. (36 mm), 1.9 in. (48 mm), and 2.4 in. (60 mm) |
| | Core Size (ID): | 3 in. (76.2 mm) |
| | Lengths: | 60 yds. (55 m) |

| | |
|------------------------|--|
| Application Techniques | An extensive line of application equipment including hand-held dispensers and an automatic L-Clip applicator is available. Application is most easily accomplished at room temperature. At lower temperatures, approaching 32°F (0°C), the adhesive becomes firm. Once applied, Scotch® Filament Tape 890T performs well throughout the normal temperature ranges encountered by packaged products in shipping and storage environments. |
|------------------------|--|

| | |
|--------------------|---|
| Storage Conditions | Store behind present stock. Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40-50% relative humidity are recommended. Rotate your stock. |
|--------------------|---|

| | |
|------------|---|
| Shelf Life | To obtain best performance, use this product within 18 months from date of manufacture. |
|------------|---|

| | |
|-----------------------|--|
| Technical Information | The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed. |
|-----------------------|--|

| | |
|-------------|--|
| Product 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. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application. |
|-------------|--|

| | |
|--|---|
| Warranty, Limited Remedy, and Disclaimer | Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 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 OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 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 where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. |
|-------------------------|--|



This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
 St. Paul, MN 55144-1000
 800-362-3550 • 877-369-2923 (Fax)
 www.3M.com/industrial



Recycled Paper
 40% pre-consumer
 10% post-consumer

Scotch is a registered trademark of 3M.
 3M and Scotchpar are trademarks of 3M.
 Printed in U.S.A.
 ©3M 2009 70-0710-0222-7 (6/09)