

# Scotch® General Purpose Masking Tape 234



## Technical Data

February, 2011

**Product Description** Scotch® General Purpose Masking Tape 234 is designed to be used in medium temperature paint bake operations.

| Product Construction | Backing                                                               | Adhesive | Color | Standard Roll Length |
|----------------------|-----------------------------------------------------------------------|----------|-------|----------------------|
|                      | Smooth crepe paper treated with a heat and solvent resistant saturant | Rubber   | Tan   | 55 m (60.17 yds.)*   |

\*Available in metric widths (eg, 24 mm corresponds to 1 inch).

**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:     | 34 oz./in. width (37 N/100 mm)                     | D-3330 |
| Tensile Strength:      | 27 lbs./in. width (472 N/100 mm)                   | D-3759 |
| Elongation at Break:   | 8%                                                 | D-3759 |
| Tape Thickness:        | 5.9 mils (0.149 mm)                                | D-3652 |
| Temperature Use Range: | Up to 250°F (121°C) for 30 min.<br>Removes cleanly |        |

## Features

- Has been laboratory tested on painted panels and found to remove cleanly at bake temperatures of up to 250°F (121°C) for 30 minutes. The actual temperature and time performance may be higher or lower for a given application. Clean removal can vary dependent on surface type, processing conditions (such as multiple bakes), type of paint involved as well as the temperature of the surface at removal. We recommend testing the product under your conditions to determine if it meets your needs.
- Excellent transfer resistance to “difficult to remove from” surfaces like EDPM rubber moldings.
- Tests indicate it is better than conventional masking tapes for sunlight resistance, it is still advised that it not be subjected to outdoor exposure or prolonged periods of sunlight as tape may become difficult to remove.
- Can be qualified for PPP-T-42C, Type I, (CID-A-A-883A).

## Application Ideas

- Designed for non-critical paint masking.
- Used throughout industry for holding, protecting, bundling and a vast number of other difficult jobs where a pressure sensitive tape is needed.

# Scotch® General Purpose Masking Tape

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| <b>Storage</b> | Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton. |
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| <b>Shelf Life</b> | To obtain best performance, use this product within one year from date of manufacture. |
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| <b>Technical Information</b> | 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. |
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ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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