

# Scotch®



# High-temperature Masking Tape 214

## Technical Data

February, 2011

### Product Description

Scotch® High-temperature Masking Tape 214 is good for one hour at 350°F (177°C) on most surfaces. The adhesive is sulfur-free which makes it one of the few tapes that can be used on copper, silver and other precious metals.

### Product Construction

| Backing                                                                  | Adhesive                                                                                       | Standard Roll Length |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------|
| Smooth crepe paper treated with a high heat and stain resistant saturant | Firm rubber adhesive designed to give outstanding holding power for a high heat resistant tape | 60 yds. (54.8 m)     |

### 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:     | 29 oz./in. width (32 N/100 mm)   | D-3330           |
| Tensile Strength:      | 27 lbs./in. width (480 N/100 mm) | D-3759           |
| Elongation at Break:   | 10%                              | D-3759           |
| Tape Thickness:        | 5.8 mils (.147 mm)               | D-3652           |
| Temperature Use Range: | Up to 350°F (177°C)              |                  |

### Features

- Has excellent stain resistance.
- Adhesive is very firm and allows it to be used on most treated metals.
- Scotch® Tape 214 complements Scotch® Tape 213 in high temperature masking tape usage and should be evaluated at the same time.
- Will generally withstand bake cycles up to 350°F (177°C) for one hour – even on treated metals. Performance is governed by total time, temperature, surface tape is applied to, and any other coatings and conditions.
- Should not be subjected to outdoor exposure or prolonged periods of sunlight exposure as tape may become very difficult to remove.

### Application Ideas

- Can be used in a wide variety of high heat, treated metal, and stain resistant applications. It is generally considered only when one of these factors is a problem.

# Scotch® High-temperature Masking Tape

214

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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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**ISO 9001:2008**

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



## Industrial Adhesives and Tapes Division

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