

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

Storage	Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.
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Shelf Life	To obtain best performance, use this product within one year from date of manufacture.
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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.
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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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40% pre-consumer
10% post-consumer

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