

High-temperature Masking Tape 214

Technical Data

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. (55 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:	27 oz./in. width (29 N/100 mm)	D-3330
Tensile Strength:	24 lbs./in. width (420 N/100 mm)	D-3759
Elongation at Break:	10%	D-3759
Tape Thickness:	6.7 mils (0.17 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.

Shelf Life To obtain best performance, use this product within one year from date of manufacture.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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ISO 9001:2000

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Printed in U.S.A.
©3M 70-0709-4555-8 (1999/6/05)