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# 3M™ Scotch® High-Temperature Masking Tape 214

## Product Description

Scotch® High-temperature Masking Tape 214 is good for 30 minutes 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 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 30 minutes – 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.

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## Technical Information Note

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

## Typical Physical Properties

Property	Values		Method
Total Tape Thickness	0.14 mm	5.5 mil	ASTM D3652
Backing	Smooth crepe paper treated with a high heat and stain resistant saturant		
Adhesive	Firm rubber adhesive designed to give outstanding holding power for a high heat resistant tape		

## Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	3.2 N/cm	29 oz/in	ASTM D3330	Stainless Steel
Tensile Strength	47.3 N/cm	432 oz/in	ASTM D3759	
Elongation at Break	10 %		ASTM D3759	
Temperature Use Range	30 minutes up to 177 °C	30 minutes up to 350 °F		

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## Available Sizes

Property	Values	
Standard Roll Length	54.8 m	60 yd

## Handling/Application Information

### 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.

### Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40-60% R.H. in the original carton. To obtain best performance, use this product within 24 months from date of manufacture.

### Trademarks

Scotch is a registered trademark of 3M.

### References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-High-Temperature-Masking-Tape-214?N=5002385+3293240941&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-High-Temperature-Masking-Tape-214?N=5002385+3293240941&amp;rt=rud</a>
Safety Data Sheet (SDS)	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=214">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=214</a>

### ISO Statement

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

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## Information

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3M United States  
3M Center  
St. Paul, MN 55144-1000  
800-362-3550  
[www.3M.com](http://www.3M.com)

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