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# 3M™ Scotch® High-Temperature Masking Tape 213

## Product Description

Scotch® Tape 213 is a very high-temperature resistant tape for use in masking and holding applications where temperatures reach 350°F (177°C) up to 30 minutes. This tape is generally the most transfer-resistant adhesive of all the 3M paper tapes, as the firm adhesive does not anchor itself as softer adhesives often do.



## Product Features

- Highly cured rubber adhesive for excellent holding and high temperature adhesive transfer resistance
- Specially treated crepe paper backing that is sliver resistant, conformable, easy tear, and solvent and moisture resistant
- Special backsize treatment to controlled unwind for easy use
- Designed for indoor use only as it should not be subjected to outdoor exposure or prolonged periods of sunlight 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
Color	Tan		
Total Tape Thickness	0.152 mm	6 mil	ASTM D3652
Backing	Crepe Paper		
Adhesive	Rubber		

## Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	3.7 N/cm	34 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		

## Available Sizes

Property	Values	
Standard Roll Length	54.8 m	60 yd

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## Handling/Application Information

### Application Ideas

- The firm adhesive often makes Scotch® Tape 213 ideal for use on aluminum anodized surfaces.
- Scotch® Tape 213 should be considered whenever treated metals, such as aluminum, are encountered and whenever a bake cycle exceeds one hour at 300°F (149°C) or a moderate tack tape is desired
- Scotch® Tape 213 has been laboratory tested on painted steel panels and found to remove cleanly at bake temperatures up to 350°F (177°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 your performance limits.

### Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.  
To obtain best performance, use within 12 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-Performance-Masking-Tape-213?N=5002385+3293240942&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~Scotch-High-Performance-Masking-Tape-213?N=5002385+3293240942&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=213">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=213</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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