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## 3M™ Scotch® Fine Line Tape 218

### Product Description

Scotch® Fine Line Tape 218 is a high-performance film backed tape with low profile and high adhesion to achieve excellent paint lines and for other masking and holding applications.

### Product Features

- Will give an excellent color line separation due to its thinness.
- The specially processed film backing stretches easily for smooth curves, yet can be easily torn by hand with a quick tearing action.
- Specially processed film backing will allow taping over fresh paint jobs sooner than paper tapes with less chance of imprint damage.
- Has excellent moisture and solvent resistance.
- Not considered a high temperature tape but could be used on bake cycles up to 250°F (121°C) for up to 30 minutes.
- Should not be subjected to outdoor exposure or prolonged periods of sunlight as tape may become 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	Green, matte finish		
Total Tape Thickness	0.13 mm	5 mil	ASTM D3652
Backing	Polypropylene plastic film		
Adhesive Type	Rubber adhesive with an ideal balance of properties for masking use		

## Typical Performance Characteristics

Property	Values		Method	Notes	Test Condition
180° Peel Adhesion	4 N/cm	37 oz/in	ASTM D3330	12 in/min (300 mm/min)	
Tensile Strength	22.8 N/cm	13 lb/in	ASTM D3759		
Elongation at Break	720 %		ASTM D3759		
Short Term Temperature Resistance	121 °C	250 °F			Short Term (minutes, hour)

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## Available Sizes

Property	Values	
Standard Roll Length	54.9 m	60 yd

## Handling/Application Information

### Application Examples

- Fine Line paint masking
- Can sealing
- Circuit board conformal coat masking
- Solvent resistant masking
- Electroplating stop off masking, non-critical
- Silk screen masking
- Circuit board splash mask protection
- Lettering
- Moisture resistant masking
- Labeling (surface writable)

## 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 this product 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-Fine-Line-Tape-218/?N=5002385+3293241622&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~~/Scotch-Fine-Line-Tape-218/?N=5002385+3293241622&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=218">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=218</a>

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## **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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