

# Scotch® Fine Line Tape 218



## Technical Data

December, 2007

### 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 Construction

| Backing                    | Adhesive                                                            | Color               | Standard Roll Length |
|----------------------------|---------------------------------------------------------------------|---------------------|----------------------|
| Polypropylene plastic film | Rubber adhesive with an ideal balance of properties for masking use | Green, matte finish | 60 yds. (54.9 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:     | 37 oz./in. width (40 N/100 mm)     | D-3330           |
| Tensile Strength:      | 13 lbs./in. width (228 N/100 mm)   | D-3759           |
| Elongation at Break:   | 720%                               | D-3759           |
| Tape Thickness:        | 5.0 mils (0.13 mm)                 | D-3652           |
| Temperature Use Range: | Up to 250°F (121°C) for 30 minutes |                  |

### 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.

# Scotch® Fine Line Tape

218

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| <b>Application Ideas</b> | <ul style="list-style-type: none"><li>• Fine Line paint masking</li><li>• Circuit board conformal coat masking</li><li>• Electroplating stop off masking, non-critical</li><li>• Circuit board splash mask protection</li><li>• Moisture resistant masking</li></ul> | <ul style="list-style-type: none"><li>• Can sealing</li><li>• Solvent resistant masking</li><li>• Silk screen masking</li><li>• Lettering</li><li>• Labeling (surface writable)</li></ul> |
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| <b>Storage</b> | Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton. |
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| <b>Shelf Life</b> | To obtain best performance, use this product within one year from date of manufacture. |
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**ISO 9001:2000**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



## Industrial Adhesives and Tapes Division

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