



High-temperature Fine Line Tape

Orange

4735

1475

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Technical Data

September 1, 1998

Supercedes November 1, 1997

Product Description An orange high-temperature vinyl Fine Line paint masking tape for fascia, rocker panels, two-tone and other multiple color applications where critical paint break lines are required.

Product Construction Backing: Vinyl plastic film
 Adhesive: Rubber
 Color: Translucent orange
 Standard Roll Length: 36 yds. (32.9m)

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:	15 oz./in. width (16 N/100mm)	D-3330
Tensile Strength:	15 lbs./in. width (260 N/100mm)	D-3759
Elongation at Break:	130%	D-3759
Tape Thickness:	5.5 mils (0.14mm)	D-3652
Temperature Use Range:	Up to 300°F (149°C) for 30 min.	

- General Information**
1. This product is ideal for the transportation OEM industry as a paint maskant for metal and plastic surfaces.
 2. Tape 4735 handles paint oven bake cycles up to 300°F (149°C) for up to 30 minutes.
 3. The translucency of the backing allows the operators a full view of the substrate while positioning the tape for better accuracy to index marks or feature lines.
 4. Backing is drapable and stretches uniformly to help create better paint lines.

Scotch™ High-temperature Fine Line Tape

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General Information

1. The adhesive and backing work together to reduce paint seepage to a minimum.
2. Can be used successfully with most solvent or water-based paint systems.
3. Tape 4735 will give outstanding color separation due to its thinness.
4. Smooth trimmed edges create a continuous straight paint line.
5. Tape 4735 should not be subjected to outdoor exposure or prolonged periods of sunlight exposure. Tape may become very difficult to remove.

Shelf Life

To obtain best performance, use this product within one year from date of manufacture and store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

Features

FEATURES

ADVANTAGES

BENEFITS

Vinyl backing

Heat resistant

One piece removal saves time

Functions well with modern, high-temperature bake cycles

Holds under heat strain yet removes cleanly

Minimal neck down when stretched

Accurate paint lines/helps save rework time

Translucent

Allows visual confirmation of accurate placement

Allows visual confirmation of adhesive wet out on substrate to aid operator with proper contact

Conformable

Applies easily and remains in place in areas of tight radii and depressions, helping to increase operating productivity

Low glare

Rubber adhesive

Paint/solvent resistant

Helps minimize clean-up of adhesive residue

Helps minimize rejects due to paint undercutting

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All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the masking paper, film or tape for the intended use.

Important Notice

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