

Scotch® High Temperature Fine Line Masking Tape



4735

Technical Data

May, 2003

Product Description Scotch® Masking Tape 4735 is 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.

Construction	Backing	Adhesive	Color	Standard Roll Length
	Vinyl	Rubber	Translucent orange	36 yds. (32.9 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:	15 oz./in. width (16 N/100 mm width)	D-3330
Tensile Strength:	14 lbs./in. width (245 N/100 mm width)	D-3759
Elongation at Break:	180%	D-3759
Tape Thickness:	5.3 mils (0.135 mm)	D-3652
Temperature Use Range:	Up to 300°F (149°C) for 30 minutes	

Features

- The backing is drapable and stretches uniformly to help create better paint lines.
- The adhesive and backing work together to reduce paint seepage to a minimum.
- Can be used successfully with most solvent or water-based paint systems.
- It will give outstanding color separation due to the thinness of the product.
- Smooth trimmed edges create a continuous straight paint line.
- 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.
- Vinyl backing is heat resistant for one piece removal to help save time.
- Functions with modern, high temperature bake cycles to hold under heat strain yet removes cleanly.
- Minimal neck down when stretched for accurate paint lines to help save rework time.
- Translucent to allow visual confirmation of adhesive wet-out on substrate to aid operator with proper contact and better accuracy to index marks or feature lines.
- Conformable/low glare that applies easily and remains in place in areas of tight radii and depressions, helping to increase operating productivity.
- Rubber adhesive is paint/solvent resistant to help minimize clean-up of adhesive residue and rejects due to paint undercutting.

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Application Ideas

- This product is ideal for the transportation OEM industry as a paint maskant for metal and plastic surfaces.

Storage

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

Shelf Life

To obtain best performance, use Scotch® High Temperature Fine Line Masking Tape 4735 within one year from date of manufacture.

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/industrialtape. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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ISO 9002

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