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Masking Tape

2307

FOD# 1457

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Technical Data

August 2, 2000

Supersedes September 1, 1998

Product Description A general purpose masking tape for holding, bundling, sealing, general paint masking and a vast number of other jobs where a pressure-sensitive tape is needed.

Product Construction Backing: Natural colored crepe paper
Adhesive: Rubber
Standard Roll Length: 60.1 yds. (55m)

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:	32 oz./in. width (34 N/100mm)	D-3330
Tensile Strength:	20 lbs./in. width (350 N/100mm)	D-3759
Elongation at Break:	9%	D-3759
Tape Thickness:	5.6 mils (0.14mm)	D-3652
Temperature Use Range:	Up to 200°F (93°C) for 60 min.	

General Information

1. Tape 2307 is typically used at room temperature, but will function up to 200°F (93°C) for up to 1 hour.
2. Tape 2307 should not be subjected to outdoor exposure. Tape may become very difficult to remove.
3. Can be qualified to meet Federal Specification PPP-T-42C Type I, CID-A-A-883 Type I.
4. Tape 2307 is manufactured in an ISO 9002 registered plant to meet worldwide quality standards.

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.

Application Ideas

Features

FEATURES

Rubber adhesive

ADVANTAGES

Instant adhesion

BENEFITS

Sticks easily/helps reduce labor

	Good holding power	Resists lifting or curling/ helps reduce rework
Crepe paper backing	Conformability	Maintains integrity when formed around a corner
Backing saturant	Easy tear	Resists slivering yet hand tearable
	Sliver resistance	One piece removal
	Good paint hold out	Resists paint bleed-through
Backsize treatment	Controlled unwind	Dispenses evenly/less likely to tear off roll/works well on paper dispensers
Manufactured without solvents	Eliminates use of organic solvents during manufacture	Minimizes energy and raw material consumption during manufacture

Technical Information and Data

The technical information and data, recommendations, and other statements provided are based on tests or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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70-0709-4543-4