

Scotch® Performance Masking Tape 231/231A*



Technical Data

February, 2010

*231A designation was added 12/04 for the Aerospace market

Product Description

Scotch® Performance Masking Tape 231/231A is a premium high performance crepe paper masking tape designed to perform well in most industrial painting situations, including the use of bake cycles. This smooth to the touch masking tape, embodies all the features that are desirable of a paint masking tape and designed specifically for the professional painter.

Construction

Backing	Adhesive	Color	Standard Roll Length
Smooth mini-crepe paper, treated with a heat resistant saturant.	Rubber	Tan	55 m (60.15 yds.)

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:	38 oz./in. width (41 N/100 mm)	D-3330
Tensile Strength:	28 lbs./in. width (490 N/100 mm)	D-3759
Elongation at Break:	10%	D-3759
Tape Thickness:	7.6 mils (0.19 mm)	D-3652
Temperature Use Range:	Up to 300°F (149°C) for up to 30 min. Removes cleanly	

Features

- Can be qualified for ASTM D-6123 (replaces obsolete PPP-T-42C, Type I, (CID-A-A-883B).
- Rubber adhesive with instant adhesion that sticks easily and allows fast application.
- Good holding power that resists lifting or curling that helps reduce rework.
- Superior adhesive transfer resistance with clean removal that helps reduce rework.
- Smooth mini-crepe backing results in excellent surface contact with very secure holding.
- Excellent conformability and easy handling that reduces time involved in application.
- The backing is solvent and moisture resistant that helps reduce bleed-through minimizing rework.
- The backing has excellent dead stretch for minimal recovery that reduces rework.
- Easy to tear backing aids in handling, yet strong enough to resist slivering giving one piece removal to help reduce labor.
- Special backsize treatment gives a balanced unwind that helps reduce waste.
- Paint flake resistance that reduces rework due to contamination, results in a quality paint job.
- Designed for indoor use only as it should not be subjected to outdoor exposure for prolonged periods of sunlight as the tape may become very difficult to remove. Best results are obtained if applied and removed within 24 hours.

Scotch® Paint Masking Tape

231/231A

Application Ideas

- Scotch® Performance Masking Tape 231/231A is well suited for painting on automobiles, aircraft, trucks, boats and painting of fabricated parts.

Storage

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

Use Recommendations

To obtain best performance, use within one year from date of manufacture.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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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.



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