

# 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.

---

**Product Use**      Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

---

**Warranty, Limited Remedy, and Disclaimer**      Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M 231/231A product meets the applicable 3M product specifications at the time 3M ships the product and for a period of 12 months from date of shipment. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

---

**Limitation of Liability**      Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



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

3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
www.3M.com/industrial



*Recycled Paper*  
40% pre-consumer  
10% post-consumer

Scotch is a registered trademark of 3M Company.  
Printed in U.S.A.  
©3M 2010 70-0709-4425-4 (2/10)

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9