

# 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.<br>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

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Ideas</b>                        | • Scotch® Performance Masking Tape 231/231A is well suited for painting on automobiles, aircraft, trucks, boats and painting of fabricated parts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>                                  | Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Use Recommendations</b>                      | To obtain best performance, use within one year from date of manufacture.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Technical Information</b>                    | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Product Use</b>                              | 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.                                                                                                                                                                                                                                                                                                                                              |
| <b>Warranty, Limited Remedy, and Disclaimer</b> | 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. |
| <b>Limitation of Liability</b>                  | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

ISO 9001:2000

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)

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)