

# High-Temperature Masking Tape

## 213

**Technical Data**

**February, 2011**

**Product Description**

Scotch® Tape 213 is a very high-temperature resistant tape for use in masking and holding applications where temperatures reach 350°F (177°C) up to 30 minutes. This tape is generally the most transfer-resistant adhesive of all the 3M paper tapes, as the firm adhesive does not anchor itself as softer adhesives often do.

**Construction**

Backing	Adhesive	Color	Standard Roll Length
Crepe paper	Rubber	Tan	60 yds. (54.8 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:	34 oz./in. width (37 N/100 mm)	D-3330
Tensile Strength:	27 lbs./in.width (480 N/100 mm)	D-3759
Elongation at Break:	10%	D-3759
Thickness:	6.0 mils (.152 mm)	D-3652
Temperature Use Range:	Up to 350°F (177°C) up to 30 minutes	

**Features**

- Highly cured rubber adhesive for excellent high-temperature holding and adhesive transfer resistance to keep edge lifting minimized to help reduce rework and labor.
- Specially treated crepe paper backing that is sliver resistant, conformable, easy tear, and solvent and moisture resistant to help reduce waste and labor.
- Special backsize treatment to controlled unwind for easy use that helps reduce waste.
- 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.

# Scotch® High-Temperature Masking Tape

213

- 
- Application Information**
- The firm adhesive often makes Scotch® Tape 213 ideal for use on aluminum anodized surfaces.
  - Scotch® Tape 213 should be considered whenever treated metals, such as aluminum, are encountered and whenever a bake cycle exceeds one hour at 300°F (149°C) or a moderate tack tape is desired.
  - Scotch® Tape 213 has been laboratory tested on painted steel panels and found to remove cleanly at bake temperatures up to 350°F (177°C) for 30 minutes. The actual temperature and time performance may be higher or lower for a given application. Clean removal can vary dependent on surface type, processing conditions such as multiple bakes, type of paint involved as well as the temperature of the surface at removal. We recommend testing the product under your conditions to determine your performance limits.

---

**Storage** Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original carton.

---

**Shelf Life** To obtain best performance, use this product within 12 months 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 product meets the applicable 3M product specification at the time 3M ships the product. 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.

**ISO 9001:2008**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.

**3M**

**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.  
Printed in U.S.A.  
©3M 2011 70070945590 (2/11)

## 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