

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	<ul style="list-style-type: none">• 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.



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)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.