



Thermosetable Glass Cloth Tapes

365 • 3650

Technical Data

May, 2003

Product Description

3M™ Glass Cloth Tapes 365 and 3650 are thermosetable rubber-resin adhesive tapes coated onto a strong conformable glass backing for many applications requiring high adhesion for adhesion to a variety of surfaces. 3M tape 3650 is a poly-lined version of 3M tape 365.

Product Construction

Backing	Adhesive	Color	Standard Widths	Standard Roll Length
Glass cloth	Thermosetable rubber-resin	White	3M tape 365: 1/2, 3/4, 1, 2, 3, 4, 5 in. (13, 19, 25, 50, 75, 100, 125 mm) 3M tape 3650: 4, 5 in. (100, 125 mm)	60 yds. (55 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:	52 oz./in. width (57 N/100 mm)	D-3330
Tensile Strength:	139 lbs./in. width (2430 N/100 mm)	D-3759
Elongation:	7%	D-3759
Backing Thickness:	4.8 mils (0.12 mm)	D-3652
Total Tape Thickness:	8.3 mils (0.20 mm)	D-3652

Features

- This adhesive provides good initial adhesion and tack. When subjected to a thermosetting cycle it will crosslink, providing greater adhesion and bonding, higher solvent resistance and higher heat resistance.
- Thermosetting is frequently achieved by ironing or heating the backing once the tape is applied. High adhesion is obtained by optimizing the time, temperature and pressure of the heat applied.
- Glass cloth backing for high tensile strength that helps increase productivity.
- Backing will not shrink or rot for excellent application protection.
- Firm at high temperature that helps increase productivity.
- Good solvent resistance to produce excellent bond.

Application Ideas

- Splicing or insulation applications requiring high tensile strength at elevated temperatures.
- As a corrosion resistant wrap on stainless steel hot air ducts.
- Splicing materials with rough surfaces or poor internal strength such as roofing felt, fiberglass or textiles.

3M™ Thermosettable Glass Cloth Tapes

365 • 3650

Shelf Life 3M™ Thermosettable Glass Cloth Tapes 365 and 3650 has a shelf life of 18 months from the date of manufacture.

Storage Store in a clean, dry environment between 60-80°F (15-27°C) and 40-50% relative humidity.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/industrialtape. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Warranty and Limited Remedy Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If the 3M product is defective within the warranty period, your exclusive remedy and 3M's and seller's sole obligation will be, at 3M's option, to replace the product or refund the purchase price.

Limitation of Liability Except where prohibited by law, 3M and seller 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 9002 standards.



**Industrial Business
Industrial Adhesives and Tapes Division**
3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000



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

Printed in U.S.A.
©3M 2003 70-0703-2861-5 (5/03)

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

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9