

Discontinued January 1, 2011. No suggested replacement.



Cleanroom Very High-Tack Tape 1254

Technical Data

February, 2006

Product Description 3M™ Cleanroom Very High-Tack Tape 1254 is a polyester film tape with very high adhesion to most surfaces. This product is ideal for cleanroom construction and maintenance applications.

Construction	Backing	Adhesive	Color	Standard Roll Sizes
	Polyester	Rubber resin	Transparent	3/4 in., 1 in., 2 in. x 36 yds. (19 mm, 25 mm, 50 mm x 33 m)

Typical Physical Properties and Performance Characteristics

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:	D-3330
Stainless steel	145 oz./in. (160 N/100 mm)
Polypropylene	110 oz./in. (120 N/100 mm)
Polyethylene	60 oz./in. (65 N/100 mm)
Tensile Strength at Break:	43 lbs./in. (754 N/100 mm) D-3759
Elongation at Break:	120% D-3759
Tape Thickness:	4.1 mils (0.10 mm) D-3652
Outgassing by Headspace GC Analysis ¹	D-4526 ²
Total outgassing	0.6% by weight

¹Outgassing = Dynamic headspace analysis of volatile components collected during a 4 hour @ 80°C heat cycle using a Hewlett-Packard Model 5890 Series II gas chromatograph coupled with a Hewlett-Packard Model 5989B mass spectrometer.

²ASTM test method modified per footnote #1 above.

General Information

- Product is converted, cleaned, and packaged in cleanroom.
- Rolls are wound onto plastic cores and bagged with Class 100 clean film.
- Application temperature: 16° to 40°F (-9° to 4°C).

Application Ideas

- Joining, sealing, repairing, holding, and reinforcing a variety of difficult-to-hold materials, such as flexible polyethylene cleanroom partition.
- Repair of air vent leaks.
- General cleanroom construction and maintenance.

Discontinued January 1, 2011. No suggested replacement.

3M™ Cleanroom Very High-Tack Tape

1254

Key Attributes	Features	Advantages	Benefits
	Polyester backing	Abrasion, chemical and thermal resistant	Resists failure and reduce contamination
		High strength	Broad range of difficult applications
	Rubber resin adhesive	Aggressive adhesion	Adhere well to many difficult-to-stick-to surfaces
		Short-term clean removal from many surfaces (testing recommended)	No adhesive transfer reduced rework

Storage Store at 60° to 80°F (15° to 27°C) and 40 to 50% relative humidity

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-251-8634. Address correspondence to: 3M Electronics Markets Materials Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244 or 1-877-369-2923. In Canada, phone: 1-800-634-3577. 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.



3M Electronics

3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000
1-800-251-8634 phone
651-778-4244 fax
www.3M.com/electronics



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

Printed in U.S.A.
©3M 2006 60-5002-0034-4 (2/06)

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