



Scrim Reinforced Adhesive Transfer Tape

97053

Technical Data

November, 2011

Product Description

3M™ Scrim Reinforced Adhesive Transfer Tape 97053 is a micro scrim reinforced 2.5 mil thick acrylic adhesive transfer tape specifically designed for difficult bonding applications. This product has excellent quick stick for permanent bond applications on plastics, metals, nonwovens, felts, foams including polyurethane, polyether, polyester, neoprene, polyethylene and EPDM.

Product Construction



← Reinforced scrim w/acrylic adhesive
← 50# Silicone release liner

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.

I. Adhesion to Stainless Steel

ASTM D3330 modified (90° peel, 2 mil aluminum foil backing)

Dwell	ounces/inch	N/100mm
15 minute room temperature (RT)	80	103
72 hour RT	95	103
72 hour 158°F (70°C)	110	120

II. Adhesion to Other Surfaces

ASTM D3330 modified (90° peel, 2 mil aluminum foil backing)

Dwell	ounces/inch	N/100mm
72 hour RT ABS	78	85
72 hour RT Polypropylene	104	114
72 hour polycarbonate	105	115

III. Relative Temperature Operating Ranges:

Minimum Continuous Temperature	-40°F (-40°C)
Maximum Continuous Application Temperature (minutes, hours)	175°F (80°C)

3M™ Scrim Reinforced Adhesive Transfer Tape

97053

- Product Features**
- The conformability of an unsupported transfer tape that offers the process ability of a double coated tape
 - Bonds to a wide variety of materials
 - High peel and tack
 - Aggressive adhesive with excellent quick stick
 - Low VOC and odor
 - No primers needed to promote adhesion

Available Sizes	Master Size	Slit Width (minimum)	Roll Length
	54" and 60"	1 inch	250 yds

Storage Store in original carton at 70°F (21°C) and 50% relative humidity.

Shelf Life If stored under proper conditions, these products retain their performance and properties for two years 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.



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
Converter Markets**

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-223-7427 * 651-778-4244 (Fax)
www.3M.com/converter



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

3M is a trademark of 3M Company.
Printed in U.S.A.
©3M 2011 70071345790 (11/11)