**Scrim Reinforced Adhesive Transfer Tape**

97053

**Technical Data March, 2015**

## **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.**

# 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 |

1. **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 |

1. **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 one year 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 Converter Markets**

### 3M Center, Building 225-3S-06 St. Paul, MN 55144-1000

800-223-7427 \* 651-778-4244 (Fax)

[www.3M.com/converter](http://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 2015 70071345790 (3/15)