

March, 2015

## 3M™ Scrim Reinforced Adhesive Transfer Tape 97053

### 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 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



**Technical Information Note**

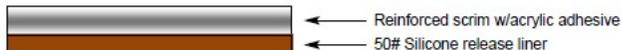
The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

**Base Color**

**Typical Physical Properties**

**Adhesive Type**

Reinforced scrim w/ acrylic



Property	Values	
Liner	50# Silicone	
Liner Print	None	
Liner Thickness	0.06 mm	2.5 mil

**Typical Performance Characteristics**

90° Peel Adhesion		Dwell/Cure Time	Dwell Time Units	Temp C	Temp F	Substrate	Notes
8.7 N/cm		15	min	23C	72F	Stainless Steel	
80 oz/in	10.3 N/cm	15	min	23C	72F	Stainless Steel	12 in/min (300 mm/min)
95 oz/in		72	hr	23C	72F	Stainless Steel	12 in/min (300 mm/min)
12 N/cm	110 oz/in	72	hr	70C	158F	Stainless Steel	12 in/min (300 mm/min)
8.5 N/cm	78 oz/in	72	hr	23C	72F	ABS	12 in/min (300 mm/min)
11.4 N/cm	104 oz/in	72	hr	23C	72F	Polypropylene (PP)	12 in/min (300 mm/min)
11.4 N/cm	105 oz/in	72	hr	23C	72F	Polycarbonate (PC)	12 in/min (300 mm/min)

Property: 90° Peel Adhesion  
Method: ASTM D3330  
Environmental Condition: 50%RH  
Backing: 2 mil Aluminum Foil

Property	Values		Test Condition
Short Term Temperature Resistance	93 °C	200 °F	Short Term (minutes, hour)
Long Term Temperature Resistance	79 °C	175 °F	Long Term (day, weeks)
Minimum Continuous Temperature	-40 °C	-40 °F	

# 3M™ Scrim Reinforced Adhesive Transfer Tape 97053

## Available Sizes

**Master Size:** 54 and 60 in

## Storage and Shelf Life

Store in original carton at 70°F (21°C) and 50% relative humidity.  
If stored under proper conditions, these products retain their performance and properties for one year from date of manufacture.

## Trademarks

3M is a trademark of 3M Company.

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /3M-Scrim-Reinforced-Adhesive-Transfer-Adhesive-97053/?N=5002385+3291149451&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /3M-Scrim-Reinforced-Adhesive-Transfer-Adhesive-97053/?N=5002385+3291149451&amp;rt=rud</a>
Safety Data Sheet SDS	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=97053">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=97053</a>

## ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

## Information

**Technical Information:** The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

**Product Selection and 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. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Warranty, Limited Remedy, and Disclaimer:** Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 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, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 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 for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

**Disclaimer:** 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit [www.3M.com](http://www.3M.com).

