



# Extended Liner Transfer Tape with Adhesive 600

## 9934XL

Technical Data

November, 2010

**Product Description** 3M™ Extended Liner Transfer Tape 9934XL with 3M™ Adhesive 600 features a high tack, synthetic rubber adhesive that provides excellent adhesion to many difficult-to-bond surfaces such as ethylene, propylene, EVA, EAA, TPO and some silicones.

Construction	Adhesive Type/ Thickness	Carrier Type/ Thickness	Liner Color, Type, Print	Liner Thickness
	600* 0.004 in. (0.10 mm) Clear - slight amber hue	None	60# Semi-bleached Kraft	0.0035 in. (0.090 mm)

\*3M adhesive 600 is a high tack synthetic rubber adhesive.

- Features**
- 3M adhesive 600 demonstrates high peel adhesion to low and high-energy surface materials.
  - FDA acceptable dry ingredients listed as indirect food contact additives when used in food packaging with minimal opportunity for exposure.

**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.**

<b>Adhesion to Stainless Steel</b>	Oz/in
<b>ASTM D3330 (Modified) - 90° - 2 mil Primed Al Foil</b>	(N/100mm)
- 15 minute room temp.	160 (175)
- 72 hour room temp.	160 (175)
<b>Adhesion to Other Surfaces</b>	Oz/in
<b>ASTM D3330 (Modified) - 90° - 2 mil Primed Al Foil</b>	(N/100mm)
<b>72 hour room temp.</b>	
ABS	160 (175)
Polycarbonate	160 (175)
Polypropylene	160 (175)
High Density Polyethylene	145 (159)
<b>Static Shear Strength (ASTM D3654)</b>	Minutes to Fail
1 kg/sq. in., room temperature	> 10,000
500 gm/sq. in., 120°F (49°C)	> 5,000
<b>Temperature Performance</b>	
Long Term - (days, weeks)	120°F (49°C)
Short Term - (minutes, hours)	150°F (66°C)

# 3M™ Extended Liner Transfer Tape with Adhesive 600 9934XL

---

<b>Available Sizes</b>	Available Lengths: - Subject to minimum order quantities.
	Minimum 120 yds. (110 m)
	Maximum 600 yds. (548 m)
	Available Widths: - Subject to minimum order quantities.
	3/4, 1.0, 1.5, 2.0, 3.0 and 6.0 in. (19.0, 25.4, 38.1, 50.8, 76.2 and 152.4 mm)
Core Size:	3.0 in. I.D.
Liner Extension:	1/16 in. each side
Liner Extension Tolerance:	± 1/32 in.
Slitting Tolerance:	± 1/32 in.

---

---

<b>Application Ideas</b>	<ul style="list-style-type: none"><li>• Point of Purchase displays.</li><li>• Difficult splicing applications.</li><li>• Shelf talkers and price tags.</li><li>• Polyethylene foam bonding.</li></ul>
--------------------------	---

---

---

<b>Application Techniques</b>	<ul style="list-style-type: none"><li>• Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improved bond strength.</li><li>• To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Some typical surface cleaning solvents are isopropyl alcohol or heptane.* <b>*Note:</b> Be sure to follow solvent manufacturer's precautions and directions for use when using solvents.</li><li>• Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is typically satisfactory</li></ul>
-------------------------------	--

---

---

<b>Storage</b>	Store in original cartons at 70°F (21°C) and 50% relative humidity.
----------------	---

---

---

<b>Shelf Life</b>	When stored under proper conditions, product retains its performance and properties for 18 months from date of manufacture.
-------------------	---

---

# 3M™ Extended Liner Transfer Tape with Adhesive 600 9934XL

---

## Certification/ Recognition

**MSDS:** 3M has not prepared a MSDS for this product which is not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, this product should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the directions for use may affect the performance and present potential health and safety hazards.

**TSCA:** This product is defined as an article under the Toxic Substances Control Act and therefore, it is exempt from inventory listing requirements.

**FDA acceptable dry ingredients:** The dry ingredients of 3M™ Adhesive 600 are listed as indirect food contact additive when used in food packaging with minimal opportunity for exposure under 21 C.F.R. paragraph 175.105. For more information about such use of an adhesive, please read 21 C.F.R. paragraph 175.105 before using this product. Please remember that the user is responsible for determining whether their use of the adhesive complies with applicable laws and regulations.

---

## 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

3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
www.3M.com/industrial



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

3M is a trademark of 3M Company.  
Printed in U.S.A.  
©3M 2010 70-0709-3968-4 (11/10)