

# 3M Medical Materials & Technologies

Product Number 1361

**3M™ 83# Poly-Coated Kraft Paper Silicone Release Liner**

Effective: April 2022

Supersedes all previous versions

## Features and Benefits:

- One side Polyolefin-coated with Silicone Release
- Heavy Weight for Easy Diecutting and Handling<sup>1</sup>
- Premium [Low] Release Levels (release side wound in)
- Very Low Stretch
- Bleached White, Printable<sup>1</sup>
- Irradiation & EtO Sterilizable<sup>1</sup>

**Please note - The following technical information should be considered representative or typical only and should not be used for specification purposes.**

## Composition:

<b>Typical Caliper</b>	~6 mils (~0.15 mm) ± 0.8 mils (0.02 mm) 83# Poly-coated Kraft Liner
<b>Base Paper</b>	70 lbs. Bleached White Kraft Paper, Printable
<b>Poly Coating</b>	13 lbs. Polyolefin Coated, one side for silicone release base
<b>Release Type</b>	Premium silicone-based release, coated one side, Wound In

## Typical Properties: 3M test methods are available upon request.

<b>Tensile Strength, Machine Direction</b>	33 lbs./inch width (146.8 N/25 mm) min.						
<b>Liner Release, Typical w/most Adhesives<sup>1</sup></b>	Varies depending on adhesive formulation						
<b>Adhesive Compatibility</b>	<table style="margin-left: 20px;"> <tr> <td>Acrylates</td> <td>Yes</td> </tr> <tr> <td>Silicones</td> <td>No</td> </tr> <tr> <td>Syn. Rubber</td> <td>Yes</td> </tr> </table>	Acrylates	Yes	Silicones	No	Syn. Rubber	Yes
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## Roll Description: Liner supplied on 3 inch (76 mm) diameter plastic cores.

<b>Length, Maximum</b>	750 yards (686 meters)
<b>Width, Maximum</b>	48 inches (122 cm) ± 1/16 in (1.5 mm)
<b>Diameter, Maximum</b>	~16 inches (~40.6 cm)

## Splices: Splices on the liner are intended for continuous processing.

<b>Roll Width</b>	<b>Maximum Number of Splices per Roll</b>
≤ 8 inches (20 cm)	1 per 0 - 72 yards (0 - 66 meters)
Information on the splice frequency in roll widths greater than 8 inches (20 cm) is available upon request.	3 per 73 - 400 yd (67 - 366 m)
	5 per 401 - 750 yd (367 - 686 m)

## Recommended Storage and Rollstock Shelf Life:

Product as supplied in original packaging will maintain stated properties for a period of one [1] year from date stamped on shipping container when stored at temperatures between 32-86°F (0-30°C) and a relative humidity less than 75 percent (<75% RH).

**Please see reverse side for important product, safety and warranty information**

<sup>1</sup> Conditions based on 3M internal studies may not be representative of actual end use/performance and we recommend our OEM customers run their own studies using their device design.

**Product and Safety Information:** User is solely responsible for determining the suitability of 3M samples and products for the intended use including any necessary safety or toxicity assessment. 3M will provide Material Safety Data Sheets or equivalent and summary results of biocompatibility testing upon request. In every case before using any product in full scale production users should conduct their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.

**Notice:** Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendations to practice any invention covered by any patent, without authority from the owners of this patent.

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All statements, technical information and recommendations herein are based on tests 3M believes to be reliable, but the accuracy or completeness thereof is not guaranteed. 3M warrants only that products will meet 3M's specifications at the time of shipment to the customer. 3M does not offer any other warranty and does not warrant the performance, safety or such other characteristics of Products in combination with other materials. 3M specifically DOES NOT warrant Products for any intended or unintended uses (whether or not foreseeable); for compatibility or suitability with other components or compatibility with any methods of manufacture or conversion. The foregoing warranty is made in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability, fitness for a particular purpose and freedom from non-infringement.

**Limitation of Remedies:** If products are proven not to meet 3M's specifications, the sole and exclusive remedy available and 3M's only obligation shall be, at 3M's option, to replace such quantity of Products which are proven out of specification or to refund the purchase price paid for Products.

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### **Ordering Information**

Call us at Customer Service to place an order: 800-742-1994 (U.S.). Visit our website:

**[www.3M.com/MedTech](http://www.3M.com/MedTech)** for product and services information, news about conferences we will be attending, new product highlights or to make a direct inquiry.

To have a sales representative contact you, to request samples or clinical and safety summaries, please contact us at 3M HELPLINE 800-228-3957 (U.S.) or for international inquiries, please contact your local country representative.



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