



Preliminary Technical Information Sheet
Product Number MSX-6971 [to become 9955]
3M™ Fluoropolymer Coated Polypropylene Release Liner

Effective: March 2012
 Supersedes all previous versions

Features and Benefits:

- 3M Proprietary Fluoropolymer Release Coating
- Heavy Weight for Easy Diecutting
- Premium [Low] Release Levels
- EtO Sterilizable (not recommended for Gamma or E-Beam)
- Low Stretch
- Excellent Handling
- Universal Adhesive Release

Current Composition:

Total Caliper	3.5 mils (0.09 mm)
Base	3.5 mils (0.09 mm) Transparent Polypropylene
Release Type	3M Proprietary Fluoropolymer, coated one side

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

Tensile Strength, Machine Direction	65 lbs/inch width (290 N/25 mm)
Cross Direction	90 lbs/inch width (400 N/25 mm)
Elongation, %	MD 180%
	CD 90%
Liner Release, Typical w/most Adhesives	< 20 g/inch width (<20 g/25 mm)
Adhesive Compatibility	Acrylates Yes Silicones Yes [typical 10 gms/inch] Syn. Rubber Yes

Current Roll Description: Liner supplied on 3 inch (76 mm) diameter plastic cores.

Length, Maximum	1900 yards (1737 m) \pm 2%
Width, Maximum	40 inches (101 cm) \pm 1/16 in (1.5 mm)
Diameter, Maximum	18.5 inches (47 cm)

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

Roll Width	Maximum Number of Splices per Roll
> 1 inch (25.4 mm)	3 per 500 yd (457 m) or less
	4 per 1500 yd (1372 m)
	5 per 1900 yd (1737 m)

Packaging and Recommended Storage:

Product as supplied in original packaging will maintain stated properties for a period of 2 years 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.

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 and results of toxicity 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.

Warranty Information

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.

Limitations of Liabilities: The remedies provided herein are exclusive remedies against 3M for any alleged or actual nonconformance to specifications or defect or other failure in products or for 3M's performance of its supply obligations. Under no circumstances is 3M liable for any direct, indirect, incidental, special or consequential damages (including lost profits) in any way related to the product under any theory of law including, but not limited to, negligence and strict liability.

Ordering Information

Call us at Customer Service to place an order: 800-742-1994 (U.S.). Visit our website: www.3M.com/medicalspecialties 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. Our 3M Medical Specialties subsidiary contacts are listed below.

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