

# 3M™ Medical Specialties

## Preliminary Technical Information Bulletin

### #1527 Family of Products Comparison Table

Current Product Properties – February 2011

	1527	1527L	1527LX <sup>3</sup>	1527ENP	1527SP
<b>Product MSX#</b>	--	<b>Discontinued</b>	<b>MSX-6776<sup>3</sup></b>	<b>MSX-6774</b>	<b>MSX-6326</b>
<b>Adhesive Type</b>	Tackified Acrylate*	Tackified Acrylate	Tackified Acrylate	Tackified Acrylate	Tackified Acrylate
<b>Backing Style</b>	Square Perforations	Square Perforations	Square <sup>3</sup> Perforations	Square Emboss	Circular Perforations
<b>Release Liner Description</b>	No Liner	83# (6mils/0.15mm)	83# (6mils/0.15mm)	63# (4.9mils/ 0.12mm)	63# (4.9mils/ 0.12mm)
<b>Max. Liner Release (gm/25 mm)</b>	N/A	30	30	30	To be determined
<b>Air Porosity, Gurley (sec/100cc/sq in)</b>	< 1 – 15 typical	< 1 – 15 typical	Very low	None	< 1 – 15 typical
<b>Conformability</b>	High	High	High	Moderate	Moderate
<b>Typical Adhesion to Stainless Steel, <sup>2</sup> oz/inch (kg/25 mm)</b>	25 oz/inch (0.7 kg/25 mm)	32 oz/inch (0.9 kg/25 mm)	42 oz/inch <sup>1</sup> (1.2 kg/25 mm)	37 oz/inch (1.1kg/25mm)	oz/inch <sup>1</sup> (kg/25mm)
<b>Printable Liner</b>	N/A	Yes	Yes	Yes	Yes
<b>Moisture Vapor Transmission Rate (MVTR)</b>	Typical 6200 gm/sqm/day	Typical 6200 gm/sqm/day	Appx. 120 gm/sqm/day <sup>1 3</sup>	Appx.50 gm/sqm/day <sup>1</sup>	Typical 6200 gm/sqm/day <sup>1</sup>
<b>Roll Width, Maximum</b>	48 inches (122 cm)	48 inches (122 cm)	48 inches (122 cm)	48 inches (122 cm)	9.6 inches (24.4 cm)
<b>Roll Length, Maximum</b>	600 yards (549 meters)	350 yards (320 meters)	350 yards (320 meters)	350 yards (320 meters)	350 yards (320 meters)
<b>Shelf Life</b>	2 years	2 years	1 year	2 years	To be determined

<sup>1</sup> Preliminary typical value based on limited number of production lots and subject to change.

<sup>2</sup> The listed adhesion values differ due to the differences in the manufacturing processes for the various tapes and the point in the process where the sample is collected for testing. The adhesion value may also be influenced by other construction variables, such as the presence or absence of a liner.

<sup>3</sup> Only the backing is perforated

\* Modified tackified acrylate adhesive – not identical adhesive to others in this tape family.

**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.

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Call us at Customer Service to place an order: 800-742-1994 (U.S.). Visit our website: [www.3M.com/medicalspecialties](http://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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