

3M™ Medical Specialties

Preliminary Technical Information Bulletin

#1527 Family of Products Comparison Table

Current Product Properties – February 2011

	1527	1527L	1527LX ³	1527ENP	1527SP
Product MSX#	--	Discontinued	MSX-6776³	MSX-6774	MSX-6326
Adhesive Type	Tackified Acrylate*	Tackified Acrylate	Tackified Acrylate	Tackified Acrylate	Tackified Acrylate
Backing Style	Square Perforations	Square Perforations	Square ³ Perforations	Square Emboss	Circular Perforations
Release Liner Description	No Liner	83# (6mils/0.15mm)	83# (6mils/0.15mm)	63# (4.9mils/ 0.12mm)	63# (4.9mils/ 0.12mm)
Max. Liner Release (gm/25 mm)	N/A	30	30	30	To be determined
Air Porosity, Gurley (sec/100cc/sq in)	< 1 – 15 typical	< 1 – 15 typical	Very low	None	< 1 – 15 typical
Conformability	High	High	High	Moderate	Moderate
Typical Adhesion to Stainless Steel, ² oz/inch (kg/25 mm)	25 oz/inch (0.7 kg/25 mm)	32 oz/inch (0.9 kg/25 mm)	42 oz/inch ¹ (1.2 kg/25 mm)	37 oz/inch (1.1kg/25mm)	oz/inch ¹ (kg/25mm)
Printable Liner	N/A	Yes	Yes	Yes	Yes
Moisture Vapor Transmission Rate (MVTR)	Typical 6200 gm/sqm/day	Typical 6200 gm/sqm/day	Appx. 120 gm/sqm/day ^{1 3}	Appx.50 gm/sqm/day ¹	Typical 6200 gm/sqm/day ¹
Roll Width, Maximum	48 inches (122 cm)	48 inches (122 cm)	48 inches (122 cm)	48 inches (122 cm)	9.6 inches (24.4 cm)
Roll Length, Maximum	600 yards (549 meters)	350 yards (320 meters)	350 yards (320 meters)	350 yards (320 meters)	350 yards (320 meters)
Shelf Life	2 years	2 years	1 year	2 years	To be determined

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

² 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.

³ Only the backing is perforated

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

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