

TECHNICAL DATASHEET

FEATURES

- Ultra-low total VOC's
- Acrylic acid-free
- Low extractable ions
- Low silicone extractable polyester film release liner and plastic cores

PRODUCT CONSTRUCTION

Clear Polyester Film Liner	2.0 mils
Permanent Adhesive (AS-139)	1.5 mils
Clear Polyester Carrier Film	2.0 mils

ADHESIVE PERFORMANCE PROPERTIES

180° Peel Adhesion/12" min.
5 min @RT/SS – 60 oz./in.
500 gram Shear @ 70° C

Test Methods

PSTC-101, ASTM D-3330, ART #1005

PSTC-107, ASTM D-3654, ART #2054

ADHESIVE OUTGASSING PROPERTIES

Total Organics	0.070 µg/cm ²
Total Toluene	0.008 µg/cm ²
Total Ethyl Hexanol	0.014 µg/cm ²
Total Aliphatic Esters	0.006 µg/cm ²
Outgassing Others	0.042 µg/cm ²

Test Methods

Dynamic Headspace GC/MS, ART #4045
85° C, 3 Hours

STORAGE AND SHELF LIFE

One year when stored at 70° F, 50% R. H.

LEACHABLE IONS BY IC

		<u>Test Method</u>
Fluoride	Not detected	Samples extracted for one hour in 25 ml of Ultrapure water at 85 C. Leachates Analyzed using Ion Chromatography
Chloride	0.0054 µg/cm ²	
Nitrite	Not detected	
Bromide	Not detected	
Nitrate	Not detected	
Phosphate	Not detected	
Sulfate	Not detected	
Lithium	Not detected	
Sodium	0.0108 µg/cm ²	
Ammonium	0.0030 µg/cm ²	
Potassium	Not detected	
Magnesium	Not detected	
Calcium	<0.0040 µg/cm ²	

Organo Tin < 25 ppb (M&P 3555-008)

SERVICE TEMPERATURE RANGES

Recommended Minimum Application Temperature: 50° F (10° C)

Service Temperature Range: -40° F to 300° F (-40° C to 149° C)