

## TRANS-SEALING™ MB-F

### DESCRIPTION:

Trans-Sealing™ MB-F is a polyester film with a vacuum deposited layer of aluminum on one side and over-coated on both sides with a heat sealable PVdC copolymer. The film has excellent oxygen and light barrier properties. MB-F exhibits high and consistent metal side heat seal, strong metal side laminate bonds and is less moisture sensitive.

### CHARACTERISTICS:

- Surface printable with appropriately formulated inks
- Can be combined with other webs by adhesive, extrusion and thermal lamination
- In laminated form, it can be used either as the outside or inside web of the package
- In laminations, works best with low temperature sealant resins.

### FDA STATUS:

Manufactured with material compliant with FDA regulations.

### TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	50	-
Yield	In <sup>2</sup> /lb	34,900	-
Tensile Strength MD at break	psi	24,000	ASTM D882A
Tensile Strength TD at break	psi	28,000	ASTM D882A
Elongation at Break MD	%	100	ASTM D882A
Elongation at Break TD	%	80	ASTM D882A
Gas Permeability O <sub>2</sub> , 24 hr	cc/100in <sup>2</sup>	0.01	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in <sup>2</sup> /day	0.04	ASTM F1249 38°C, 90% RH
Tear (Graves)	lb	0.7	ASTM D1004
Heat Seal Strength (coat/coat)	g/in	200	250°F, 0.5 sec, 20psi

\*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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