

## 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.

Revision Date: 9/29/2016

**CORPORATE HEADQUARTERS** 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

[TRANSCENDIA.COM](http://TRANSCENDIA.COM)

© 2016 Transcendia Inc. All Rights Reserved.