

# TRANS-SEALING™ MBL100-F

## DESCRIPTION:

Trans-Sealing MBL100-F is a PA/PE lamination for medium barrier lidding applications.

## CHARACTERISTICS:

- Flexible
- Excellent heat sealing properties that can be sealed to different substrates such as PE, PP, PS, and PVC
- Various gauges and widths available
- PA provides good puncture resistance and high and low temperature resistance



## FDA STATUS:

Manufactured with materials compliant with FDA, KOSHER, CFIA, and QS regulations for direct food contact applications.

## TECHNICAL DATA:

| PROPERTIES             | UNIT OF MEASURE                             | TYPICAL VALUES | TEST METHOD   |
|------------------------|---|----------------|---------------|
| Thickness              | Gauge                                       | 400            | -             |
| Yield                  | in <sup>2</sup> /lb                         | 7,101          | -             |
| Tensile Strength MD    | psi   | 7540           | ASTM D882     |
| Tensile Strength TD    | psi   | 7540           | ASTM D882     |
| Elongation at Break MD | %   | 64             | ASTM D882     |
| Elongation at Break TD | %   | 64             | ASTM D882     |
| COF                    |   | 0.4            | ASTM D1894    |
| O <sub>2</sub> TR      | cc/100 in <sup>2</sup> .d.bar@65% RH & 73 F | 3.23           | ASTM D3985    |
| WVTR                   | g/100 in <sup>2</sup> /day                  | 0.355          | ASTMF1249     |
| Seal strength          | lbf/in                                      | 15.23          | ASTMF2029     |
| Bond strength          | N/0.6in                                     | 1.7            | GB/T 8808-88  |
| Residual solvent       | mg/in <sup>2</sup>                          | 0.0032         | GB/T 10004-08 |

\*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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