FLEXMETPROTECT™ F-MAT-M grade of films are matt metallized polyester films. This grade of films have a matt surface and thus gives a different aesthetic appeal of an Aluminum foil. It is available in optical density ranging from 2.0 to 2.6. The wide range of optical properties give choice to the customer to use the product for diverse range of applications.

**OPTICAL DENSITY**

(TOLERANCE : +/- 5%)

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**TEST METHOD** | **UNIT** | **TYPICAL VALUE**
--- | --- | ---
| Internal | Micron (Gauge) | 12 | 19 | 23
| D-1505 | gm/cc | 1.4 | 1.4 | 1.4
| Internal | gm/m² | 16.8 | 26.6 | 32.2
| Internal | m²/kg | 59.52 | 37.59 | 31.05
| D-1894 | in³/lb | 41934 | 26483 | 21876
| # MI/ MO | MI/ MO | MI/ MO

**TENSILE STRENGTH AT BREAK**

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**TEST METHOD** | **UNIT** | **TYPICAL VALUE**
--- | --- | ---
| MD* | Kg/cm² | 1700 | 1700 | 1600
| D-882 | 24200 | 24200 | 22700 | 22700
| 28500 | 28500 | 28500 | 28500
| 110 | 120 | 120 | 120
| 75 | 80 | 80 | 80

**ELONGATION AT BREAK**

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**TEST METHOD** | **UNIT** | **TYPICAL VALUE**
--- | --- | ---
| MD* | % | 1.5 | 1.5 | 1.5
| TD | D-1204 | 0.6 | 0.6 | 0.6

**LINEAR SHRINKAGE**

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**TEST METHOD** | **UNIT** | **TYPICAL VALUE**
--- | --- | ---
| D-1204 | gm/m²/day | 0.06 | 0.06 | 0.03
| (gm/100in²/day) | 0.04 | 0.04 | 0.03
| cc/m²/day | 1.1 | 1.0 | 0.8
| (cc/100in²/day) | 0.07 | 0.06 | 0.05

**FOOD CONTACT**

FLEXMETPROTECT™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

**DISCLAIMER**

It is the responsibility of our customer to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Flex Gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

**TDS issued on 11-02-2015. All previous version of this grade are invalid.**

Website: www.flexfilm.com