## **TEKNIFLEX® Pouch MS4812**

MG Paper/LDPE/Al Foil/Surlyn Film Tekni-Films, a div of Tekni-Plex

## Message:

This data sheet describes TEKNIFLEX™ Pouch MS4812 aka F94PA-1 product.

This pouch product is an extrusion laminated and coated material made for Food, Pharmaceutical and Cosmetic packaging applications requiring moisture and oxygen barrier protection.

It is available with custom and standard printing. The paper surface will yield quality print.

| General Information                          |                                   |              |             |
|--|-----------------------------------|--------------|-------------|
| Features                                     | Excellent Printability            |              |             |
|  | Food Contact Acceptable           |              |             |
|  | Moisture Barrier                  |              |             |
|  | Oxygen Barrier                    |              |             |
|  |                                   |              |             |
| Uses   | Cosmetic Packaging                |              |             |
|  | Food Packaging                    |              |             |
|  | Pharmaceutical Packaging          |              |             |
| Agency Ratings                               | DMF 1968                          |              |             |
|  | FDA 21 CFR 176.170                |              |             |
|  | FDA 21 CFR 177.1330               |              |             |
|  | FDA 21 CFR 177.1520               |              |             |
| Forms  | Film                              |              |             |
| Films  | Nominal Value                     | Unit         | Test Method |
| Film Thickness                               | 147                               | μm           |             |
| Yield  | 5.74                              | m²/kg        | ASTM D646   |
| Base Weight                                  | 175                               | g/m²         | ASTM D646   |
| Roll Width <sup>1</sup>                      | > 2.50                            | cm           |             |
| Seal Strength <sup>2</sup>                   | 1.8                               | N/mm         |             |
| Oxygen Transmission Rate (23°C, 100% RH)     | < 3.2E-3                          | cm³/m²/24 hr | ASTM D3985  |
| Water Vapor Transmission Rate (38°C, 90% RH) | < 3.2E-3                          | g/m²/24 hr   | ASTM F1249  |
| NOTE   |                                   |              |             |
| 1.   | Roll width tolerance: ±1.6 mm     |              |             |
| 2.   | Self-Seal @ 350°F, 40psi, 0.5 sec |              |             |

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## Recommended distributors for this material

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