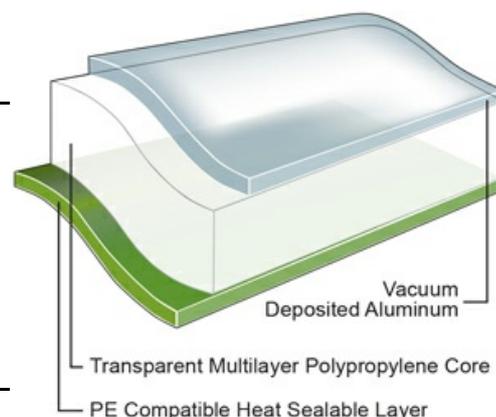


Metallyte™ 18MM882

Oriented Polypropylene Film

Product Description

Metallyte MM882 is an ultra-high barrier (UHB), biaxially oriented, multi-layer polypropylene film. In addition to an excellent water vapor barrier, this film has an exceptional barrier to oxygen, flavors and aromas. The non-metallized PE compatible layer is designed for excellent adhesion of polyethylene for extrusion coating or extrusion laminations. This layer will lap seal to a range of polyethylene films. This film has excellent and consistent slip characteristics and can be treated for printing and adhesive laminating.



Key Features

- Outstanding oxygen barrier
- Outstanding moisture and light barriers
- Outstanding aroma and flavor barrier
- Easily converted on the metal side
- Excellent puncture resistance
- Lap sealable to PE
- Stable CoF on unmetallized surface

General

Availability

- | | | |
|------------------------|-----------------|-----------------|
| ✓ Latin America | ✓ North America | ✓ South America |
| ✓ Africa & Middle East | ✓ Asia Pacific | ✓ Europe |

Features

- | | | |
|--------------------------|--------------------|----------------------|
| ✓ Flavor & Aroma Barrier | ✓ Gas Barrier | ✓ Moisture Barrier |
| ✓ Oxygen Barrier | ✓ Light Barrier | ✓ Lap Sealable to PE |
| ✓ Two Side Processable | ✓ Grease Resistant | ✓ Puncture Resistant |

Applications

- | | | |
|----------------------------|----------------------------|----------------------------------|
| ✓ Biscuits/Cookie/Crackers | ✓ Confectionery, Chocolate | ✓ Health and Beauty Care |
| ✓ Household and Detergents | ✓ Crisps and Snacks | ✓ Dry Foods and Beverage Powders |
| ✓ Pet Food | | |

Uses

- | | | |
|--------------------------------|--------------------------------------|---------------------------|
| ✓ HFFS Flexible Packaging | ✓ Pre-made Bags - Flexible Packaging | ✓ VFFS Flexible Packaging |
| ✓ Pouches - Flexible Packaging | ✓ Lidding - Flexible Packaging | |

Appearance

Processing Method

- | | | |
|---------------------------------|---------------------|-----------------------------------|
| ✓ Outer Web Adhesive Lamination | ✓ Extrusion Coating | ✓ Middle Web Extrusion Lamination |
|---------------------------------|---------------------|-----------------------------------|

Revision date

 July 13, 2014

Properties

Property	Typical Value	Unit	Test Based On
Yield	61.0	m ² /kg	Internal Method
Unit Weight	16.4	g/m ²	Internal Method
Film Thickness	18	μ	Internal Method
Optical Density	2.8		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	124	Mpa	Internal Method
TD	234	Mpa	Internal Method
Water Vapor Transmission Rate 38°C, 90% RH			
	0.1	g/m ² /24 hr	Internal Method
Oxygen Transmission Rate 23°C, 0% RH			
	0.10	cm ³ /m ² /24 hr	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.5	%	Internal Method
TD	-4.5	%	Internal Method
Light Transmission	0.2	%	Internal Method

Legal Statement

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

In most cases, in- treatment and priming are recommended on the metallized surface for printing. In- treatment is suggested on the metallized surface for extrusion laminating and water-based adhesive laminating. Consult Jindal Films Technical Service for details.

-The non-metallized side will seal to many, but not all, polyethylene films and coatings. Tests are needed to verify the performance with specific PE grades.

Footnotes

1. Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.
2. Sample dimensions and conditioning vary due to differences in equipment design.

Typical properties: these are not to be construed as specifications.

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