

Metallyte™ 18MM883

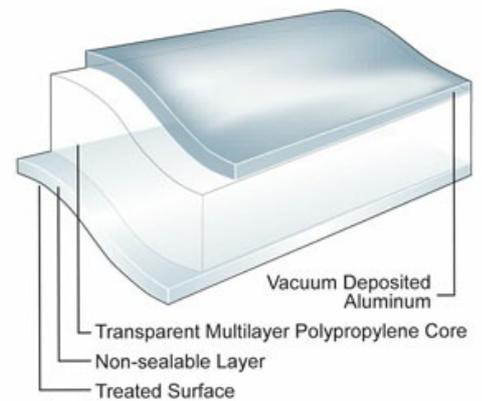
Oriented Polypropylene Film

Product Description

Metallyte MM883 is an ultra-high barrier, biaxially oriented multi-layer polypropylene film. This film has an exceptional barrier to oxygen, flavors and aromas and has an excellent water vapor barrier. The non-metallized side is treated for adhesive lamination and cold seal applications.

Key Features

- Very high water and gas barrier
- Good aroma and flavor protection
- Excellent metal adhesion
- Easy convertibility on both sides
- Excellent puncture resistance



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
- ✓ Two Side Processable

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

Appearance

Processing Method

- ✓ Cold Seal Adhesive
- ✓ Outer Web Adhesive Lamination
- ✓ Middle Web Adhesive 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	150	Mpa	Internal Method
TD	260	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	-5.0	%	Internal Method
TD	-5.0	%	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

- The non-metallized side is treated and takes a wide range of adhesives and cold seals.
- 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.

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.
3. Optical density value represents only the metal layer on the film.

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

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