

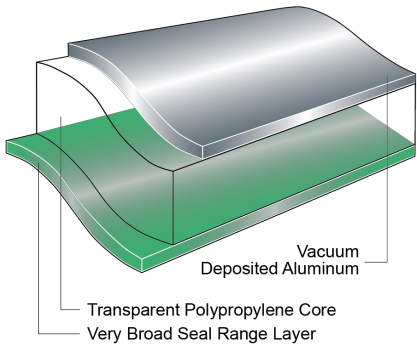
# Metallyte™ MLB20

Oriented Polypropylene Film



## Product Description

Metallyte™ MLB20 is an enhanced-barrier clear metallized film designed for heat sealable applications. Due to its low temperature sealing face and very wide sealing range, MLB offers an excellent performance on HFFS machines and ensures excellent bond strength when laminated to other substrates. The improved barrier properties make it an excellent choice for packaging of sensitive products, combining great product protection and yield advantage.



## Key Features

- Very broad sealing range
- Very good moisture and light barrier
- Good oxygen barrier
- Excellent adhesion of aluminum to film
- Outstanding metal appearance

## General

### Availability

- ✓ Africa & Middle East
- ✓ Asia Pacific
- ✓ Europe

### Features

- ✓ Gas Barrier
- ✓ Moisture Barrier
- ✓ Very Broad Seal Range
- ✓ Light Barrier

### Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Bakery
- ✓ Confectionery, Chocolate
- ✓ Household and Detergents
- ✓ Pet Food

### Uses

- ✓ HFFS Flexible Packaging

### Appearance

- ✓ Metallized - Clear

### Processing Method

- ✓ Inner Web Adhesive Lamination

Properties & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	38600	in <sup>2</sup> /lb	Internal Method
Unit Weight	11.2	lb/ream	Internal Method
Film Thickness	0.79	mil	Internal Method
Optical Density	2.2		Internal Method
Elongation at Break			
MD	180	%	Internal Method
TD	55	%	Internal Method
Elastic Modulus			
MD	290075	psi	Internal Method
TD	536640	psi	Internal Method
Heat Seal Range (RDM)			
Unmetallized side – RDM – 25N/cm2 – 0.5 sec – Flat/Flat	176	°F	Internal Method
Water Vapor Transmission Rate			
100°F, 90% RH	0.02	g/100 in <sup>2</sup> /24 hr	Internal Method
Oxygen Transmission Rate			
73°F, 0% RH	3.2	cm <sup>3</sup> /100 in <sup>2</sup> /24 hr	Internal Method

TYPICAL PROPERTIES : these are not to be construed as specifications

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

Legal Statement

This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

Processing Statement

- In-line treatment and priming are recommended for printing on the metalized surface.
- In-line treatment of the metalized surface is suggested for laminating.
- Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines.

Footnotes

Please contact your Sales Representative for complete country availability.

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- March 28, 2024

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