

Metallite™ UBWES - Oriented Polypropylene Film

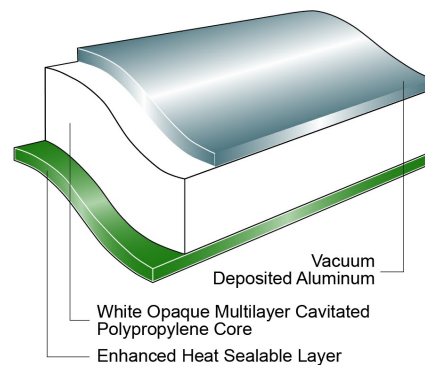


FLEXIBLE PACKAGING PRODUCT DATA SHEET

Product Description

Metallite™ UBWES is a multi-layer, cavitated, white OPP film with an enhanced sealant to allow sealing through contamination. This film has an exceptional barrier to gases, flavors, and moisture. It is metallized on one side with a proprietary sealant layer on the other. UBWES is lap sealable to other coextruded OPP films.

UBWES is used as the inner web for adhesive and extrusion laminations, where superior moisture and oxygen barriers are required. UBWES provides an excellent light barrier and is designed to provide strong, leak-free seals for flat pouches and has been designed specifically to replace foil and a sealant web in those applications.



Key Features

- Exceptional seal strength
- Outstanding opacity
- Outstanding moisture and oxygen barrier
- Excellent aroma and flavor barrier
- Excellent flex-crack resistance
- Excellent hot tack
- Improved barrier to Mineral Oils compared to non-barrier film⁽¹⁾
- Significant mineral oils contamination protection period of more than 2 years

Properties & Typical Values

Properties	Unit	28UBWES	Test Method
Yield	m ² /kg	48.4	ITM 01
Unit Weight	g/m ²	20.7	ITM 01
Film Thickness	μm	28	ITM 02
Optical Density		3.0	ITM 11
Dimensional Stability 135°C / 275°F, 7 min - MD TD	%	-5.0 -3.0	ITM 37
Minimum Sealing Temperature (Min 750g/25mm) - 25N/cm ² - 0.5 sec - Flat/Flat enhanced seal/enhanced seal	°C	71	ITM 26
Heat Seal Range (RDM) RDM - 750gr - single web - 25N/cm ² - 0.5sec - flat/flat	°C	79	ITM 26
Water Vapor Transmission Rate - 38°C, 90% RH	g/m ² /24 hr	0.1	ITM 46
Oxygen Transmission Rate - 23°C, 0% RH	cm ³ /m ² /24 hr	0.1	ITM 42

TYPICAL VALUES SHOULD NOT BE CONSTRUED AS FINISHED PRODUCT SPECIFICATIONS (FPS).

Market Segments

- ✓ Biscuits/Cookie/Crackers
- ✓ Dry Foods and Beverage Powders
- ✓ Pet Food
- ✓ Chips and Snacks

Applications

- ✓ HFFS Flexible Packaging
- ✓ Pre-made Bags - Flexible Packaging
- ✓ VFFS Flexible Packaging
- ✓ Pouches - Flexible Packaging
- ✓ Flat Sachet

Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Inner Web Extrusion Lamination

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: <http://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.

Storage

You will find all information about storage conditions into the sign in area of our website <http://www.jindalfilms.com/login-register-docmg/>, under the section "Information on food safety and quality practices". The name of the document is "Storage recommendations".

Footnotes

- (1) Please contact your sales representative to get quantitative data on film barrier properties to Mineral Oils (MOSH and MOAH).
- Please contact your Sales Representative for complete country availability.

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