

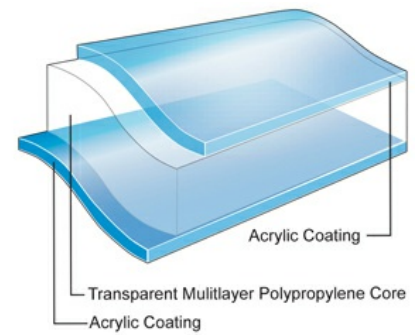
FLEXIBLE PACKAGING PRODUCT DATA SHEET

Product Description

Bicor AB-X is a two-side acrylic coated, sealable OPP film designed for general use in many applications, including overwrap, horizontal, and vertical packaging. This film is suitable as an unsupported web or in a lamination. It can be surface printed, reverse printed, or used unprinted.

Key Features

- Outstanding optical properties
- Robust machinability
- Low and consistent COF
- Excellent hot slip
- Excellent flavor and aroma barrier
- Excellent hot tack and seal strength
- Printable on both sides



Properties & Typical Values

Properties	Unit	100ABX	120ABX	75ABX	Test Method
Yield	m ² /kg	44.1	36.1	56.9	ITM 01
Unit Weight	g/m ²	22.6	27.5	17.6	ITM 01
Film Thickness	μm	25	30	19	ITM 02
Gloss (45°)	Gloss Units	87	89	89	ITM 14
Haze	%	1.7	1.7	1.2	ITM 06
Tensile Strength at Break					
MD TD	Mpa	137 236			ITM 50
MD TD - 510 mm/min pull rate, 50 mm jaw separation	Mpa		117 228	124 207	ITM 50
Dimensional Stability					
135°C / 275°F, 7 min - MD TD	%	-4.5 -4.0	-5.0 -3.5	-4.5 -4.0	ITM 37
Seal Strength (RDM) - 127°C, 0.1 Mpa, 0.75 sec	g/2.5 cm	550	590	510	ITM26
Crimp Seal (MST)	°C	96	81	81	
Coefficient of Friction		0.24			ITM 20
Acrylic/Acrylic			0.23	0.23	ITM 20
Water Vapor Transmission Rate - 38°C, 90% RH	g/m ² /24 hr	5.7	5.0	8.2	ITM 46

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

Market Segments

- ✓ Biscuits/Cookie/Crackers
- ✓ Box Overwrap
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Tobacco

Applications

- ✓ Box Overwrap Flexible Packaging
- ✓ HFFS Flexible Packaging
- ✓ Tobacco Overwrap Flexible Packaging
- ✓ VFFS Flexible Packaging

Processing Method

- ✓ Cold Seal Adhesive
- ✓ Inner Web Adhesive Lamination
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported
- ✓ Water-based Flexographic Printing

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

- AB-X is lap sealable to other acrylic-coated and sealable PVdC-coated films.
- Acrylic coating and its properties can be affected by extreme humidity and water condensation. Thorough testing is recommended when considering acrylic-coated films in refrigerated or frozen applications.
- Acrylic coating must be primed if used in extrusion lamination.
- Acrylic is an excellent surface for water-based or solvent-based inks, adhesives, and code-dating (cold wet or hot stamp) without treatment.
- To avoid blocking, ghosting, high residual solvents, or decreased sealability, converters should eliminate the use of slow solvents (cellosolve, glycol ethers, MIBK, butanol, etc) when printing on acrylic surfaces. The use of esters should be minimized.

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. 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. Dimensional stability is reported for uncoated base film.
3. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.

Revision date : April 04, 2025

© 2024 Jindal Films. Jindal Films, the Jindal Films' logo, and other product or service names used herein are trademarks of Jindal Films, unless indicated otherwise. You may not upload, display, publish, license, post, point to, frame, transmit or distribute either this document or its information, whether in whole or in part, without Jindal Films' prior written authorization. To the extent Jindal Films provides prior written authorization, the user may use the document or its information only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. Any data included herein may be based upon: analyses of representative samples and not the actual product shipped, typical values, or otherwise. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We base the information on data believed to be reliable, but we do not represent, warrant, or otherwise guarantee the accuracy, reliability, or completeness of this information; nor do we warrant, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, or suitability of the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. This document is not an endorsement of any non-Jindal Films' product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "Jindal Films" and "Jindal" are each used for convenience, and may include Films Americas LLC, Jindal Films Americas LLC, Films Europe S.à.r.l., Jindal Films Virton SPRL, Jindal Films India Ltd., or any companies affiliated with them in the production and sale of film products. There are a number of such affiliated companies, some with names including "Jindal" or "Films" and some not. Neither these terms and conditions, nor anything else in this document, is intended to override or supersede the legal separateness of those affiliated companies and responsibility for local action and accountability remains with them.

© 2024 Jindal Films. Jindal Films, the Jindal Films' logo, and other product or service names used herein are trademarks of Jindal Films, unless indicated otherwise. You may not upload, display, publish, license, post, point to, frame, transmit or distribute either this document or its information, whether in whole or in part, without Jindal Films' prior written authorization. To the extent Jindal Films provides prior written authorization, the user may use the document or its information only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. Any data included herein may be based upon: analyses of representative samples and not the actual product shipped, typical values, or otherwise. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We base the information on data believed to be reliable, but we do not represent, warrant, or otherwise guarantee the accuracy, reliability, or completeness of this information; nor do we warrant, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, or suitability of the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. This document is not an endorsement of any non-Jindal Films' product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "Jindal Films" and "Jindal" are each used for convenience, and may include Films Americas LLC, Jindal Films Americas LLC, Films Europe S.à.r.l., Jindal Films Virton SPRL, Jindal Films India Ltd., or any companies affiliated with them in the production and sale of film products. There are a number of such affiliated companies, some with names including "Jindal" or "Films" and some not. Neither these terms and conditions, nor anything else in this document, is intended to override or supersede the legal separateness of those affiliated companies and responsibility for local action and accountability remains with them.