

High Barrier, Co-extruded Film (CBAR)

CBAR is a 9-layer, co-extruded nylon film with an ethylene vinyl alcohol (EVOH) layer at the core that contributes to the product's exceptional barrier properties. Its extremely low oxygen transmission rate (OTR) and moisture vapor transmission rate (MVTR) make CBAR ideal for products that require aroma, gas, flavor and solvent containment; as well as modified atmosphere packaging.

CBAR is also ideal for use in applications where tear notches are required, and is FDA approved for direct food contact.

Genuine Autobag® bags-on-a-roll and SidePouch® bags-in-a-box are system-matched and guaranteed to run on Automated Packaging Systems' equipment.

Technical Information

Compliances	FDA 21 CFR 177.1350 FDA 21 CFR 117.1520
Press Printing	Yes
Imprinting	Yes
Trim Seal	No
Bag Mil Thickness	2.5
Bag Configurations	Autobag; SidePouch with restrictions

Performance Data:	U/M	2.5 mil	ASTM
Haze	%	14	D-1003
Puncture Resistance (Dart)	Ft-Lbs/in ³	50	D-1709
Tensile Strength MD	psi	4500	D-882A
Tensile Strength TD	psi	4000	D-882A
Elongation MD	%	390	D-882A
Elongation TD	%	430	D-882A
Elmendorf Tear MD	grams	300	D-1922
Elmendorf Tear TD	grams	450	D-1922
OTR	cc/100in ² /day	<0.1	D-3985/Mocon
MVTR	g/100in ² /day	<0.4	F-1249/Mocon

Formulations

• CBAR



Features & Benefits

- 9-layer co-extruded nylon with EVOH
- Exceptional OTR and MVTR
- FDA approved for direct food contact



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect CBAR material only. Certain minimum purchase volumes may apply.

888-AUTOBAG info@autobag.com autobag.com

Automated Packaging Systems, Inc. 10175 Philipp Parkway, Streetsboro, Ohio 44241

Patent(s): www.autobag.com/patents

© July 2019 Automated Packaging Systems, Inc. Features, Options & Technical Specifications subject to change. The use of the ® or ™ symbol indicates that Automated Packaging Systems, Inc. has registered or is otherwise claiming trademark rights in the United States. These marks may also be registered in other countries and common law rights may apply in countries where such rights are recognized.