

## Polyester Laminated to High Barrier, Coextruded Packaging Film (PBAR)

PBAR is a lamination of 48-gauge PET to a clear, high-barrier, coextruded film layer that facilitates high quality seals and linear tear properties suitable for most applications.

PBAR film is optimal for applications requiring strength and exceptional barrier properties. The superior oxygen barrier qualities make it most suitable for use in modified atmosphere packaging. Additionally, PBAR is available in a gusseted, stand-up pouch format.

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

### Technical Information

|                    |  |
|--------------------|--|
| Compliances        | FDA 21 CFR 177.1350<br>FDA 21 CFR 117.1520     |
| Press Printing     | Yes  |
| Imprinting         | Yes  |
| Trim Seal          | No   |
| Bag Mil Thickness  | 3  |
| Bag Configurations | SidePouch and Stand-up Pouch with restrictions |

| Performance Data:          | U/M                        | 3 mil | ASTM         |
|----------------------------|----------------------------|-------|--------------|
| Haze                       | %                          | 14    | D-1003       |
| Puncture Resistance (Dart) | Ft-Lbs/in <sup>3</sup>     | 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 <sup>2</sup> /day | <0.1  | D-3985/Mocon |
| MVTR                       | g/100in <sup>2</sup> /day  | <0.4  | F-1249/Mocon |

### Formulations

- PBAR



### Features & Benefits

- Superior oxygen barrier
- Automatic indexing and sealing over hand-load applications
- Excellent tear characteristics
- Protects ink from abrasion and chemical breakdown



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect PBAR 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](http://www.autobag.com/patents)

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