

Anti-Fog Film (AFOG)

Anti-Fog material (AFOG) is a low density polyethylene that incorporates a special additive to reduce the film's surface tension.

When condensation forms within the bag due to product respiration, AFOG material does not allow the moisture to form into water droplets. These droplets make the bag appear foggy and can obscure the view of the product inside, distracting from its visual appeal. Instead, the moisture is spread into a thin sheet, which allows the bagged contents to remain visible.

AFOG has good clarity and prints well inline when date/lot codes or other variable data is required. AFOG bags can be pre-printed in up to nine colors and are available with reclosable zippers.

Genuine 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 | Yes |
| Bag Mil Thickness | 2.0 |
| Bag Configurations | SidePouch |

| Performance Data: | U/M | 2.0/SD | ASTM |
|----------------------------|----------------------------|--------|--------|
| Haze | % | 8.94 | D-1003 |
| Puncture Resistance (Dart) | grams | 165 | D-1709 |
| Tensile Strength MD | psi | 3843 | D-882A |
| Tensile Strength TD | psi | 3071 | D-882A |
| Elongation MD | % | 445 | D-882A |
| Elongation TD | % | 648 | D-882A |
| Elmendorf Tear MD | grams | 297 | D-1922 |
| Elmendorf Tear TD | grams | 947 | D-1922 |
| OTR | cc/100in ² /day | 249 | D-3985 |
| MVTR | g/100in ² /day | 0.48 | F-1249 |

Formulations

• AFOG



Features & Benefits

- Keeps products visible despite condensation
- Excellent clarity for retail applications



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect AFOG 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 2018 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.