

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.

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

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