

## Anti-Fog (AFOG)

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

When condensation forms within the bag caused by product respiration, AFOG material does not allow the moisture to form 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.

The material possesses good clarity and is compatible with imprinters when date/lot codes are required or when it is desired to print other variable information on the bag. AFOG bags can be pre-printed in up to 9 colors and are available with re-closeable zippers.

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 FDA 21 CFR 117.1520
Press Printing	Yes
Imprinting	Yes
Trim Seal	Yes
Mil Thickness	2.0
Configuration	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 <sup>2</sup> /day	249	D-3985
MVTR	g/100in <sup>2</sup> /day	0.48	F-1249

## Formulation

### • AFOG



## Features & Benefits

- Anti-Fog properties
- Good clarity and strength
- Excellent heat-seal characteristics



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](http://www.autobag.com/patents)

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