

## LifeX™ High Barrier Film (NYLN)

The LifeX™ line of Food Application Systems (FAS) materials offers bags converted from coextruded films to improve packaging productivity in retail and bulk distribution/institutional applications. NYLN is a 5-layer coextruded film featuring excellent barrier properties, superior tear resistance, good clarity and strength. NYLN is designed with superior oxygen transmission rate (OTR) qualities, making it most suitable for use in modified atmosphere packaging and as an aroma, gas, flavor and solvent barrier.

Genuine Autobag® bags-on-a-roll and 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 177.1520
Press Printing	Yes
Imprinting	Yes
Trim Seal	No
Mil Thickness	2.0, 2.5
Configuration	Autobag; SidePouch with restrictions

Performance Data:	U/M	2.0/SD	2.5/ET	ASTM
Haze	%	10.6	12.3	D-1003
Puncture Resistance (Dart)	grams	422	456	D-1709
Tensile Strength MD	psi	3719	3750	D-882A
Tensile Strength TD	psi	3793	3775	D-882A
Elongation MD	%	623	615	D-882A
Elongation TD	%	707	735	D-882A
Elmendorf Tear MD	grams	123	154	D-1922
Elmendorf Tear TD	grams	145	181	D-1922
OTR	cc/100in <sup>2</sup> /day	4.8	3.8	D-3985
MVTR	g/100in <sup>2</sup> /day	.51	.41	F-1249

## Formulation

### • NYLN



## Features & Benefits

- Superior Oxygen Transmission Rate
- Superior Puncture Resistance
- Good Clarity & Strength



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