

## 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.

### User Benefits

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

### Typical Applications

- Frozen and IQF Food Products
- Meat, Poultry Fish and Meat By-Products
- Fresh Produce, Fruits and Vegetables
- Pet Food
- Snacks
- Any application where excellent barrier properties and strength are required

### Technical Specifications

**Compliances:** FDA 21 CFR 177.1520

**Press Printing:** Yes

**Imprinting:** Yes

**Trim Seal:** No

**Mil Thickness:** 2.0, 2.5

**Configuration:** Autobag; and 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



Above 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.

MIL

NYLN

2.0

2.5

00095687 007



machines

materials

service

s y s t e m s a d v a n t a g e

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