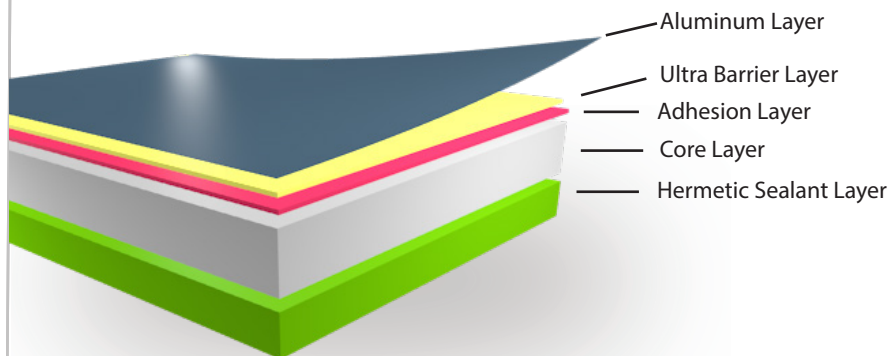


# TORAYFAN<sup>®</sup> LGHX5

## Applications

- Confections
- Snacks
- Bakery
- Pet food
- Ag/Chem
- Medical



**HIGH BARRIER BOPP WITH  
INTEGRATED HERMETIC  
SEALANT LAYER**

## Summary

High barrier BOPP film with high hermeticity sealant applied opposite non-crazing vacuum deposited aluminum. Designed as a robust sealable barrier inner web for VFFS applications requiring excellent seal reliability and strength. The thick sealant layer provides secure seals in laminations to thick and stiff outer webs.

## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	0.00001"	160
Nominal Yield		-	in <sup>2</sup> /lb	19,200
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	9,700
	TD			20,600
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	128,000
	TD			129,000
Elongation at Break	MD	ASTM D882	%	180
	TD			60
Coefficient of Friction (Sealant Side)		ASTM D1894	$\mu_s$	0.11
			$\mu_d$	0.10
Heat Seal Strength @ 250°F		1	g/in	3,800
Seal Initiation Temp (>200g/in)		1	°F	190
MVTR - 100°F, 90% RH		ASTM F1249	g/100in <sup>2</sup> /day	0.01
O <sub>2</sub> Barrier - 73°F, 0% RH		ASTM D3985	cc/100in <sup>2</sup> /day	0.05

1 Sentinel Sealer model 12 ASL, 0.5 sec, 20 psi. UPPER: flat, Teflon™ coated. LOWER: rubber with glass cloth, unheated

## Key Features

- Superior hermetic sealant package
- Superior oxygen barrier
- Excellent moisture barrier
- Secure seals in laminations to thick and stiff outer webs
- Increased oil resistance
- Non craze metal surface
- Excellent hot tack and wide heat seal range

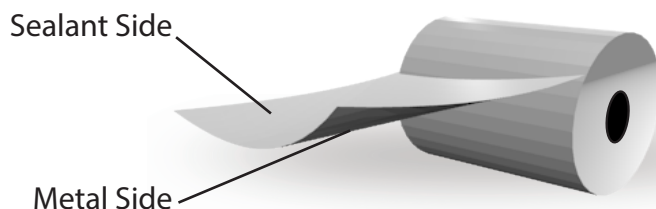
## Similar Products

- MH5C
- MOTM

## Typical Structures

- F62W/ink/ADH or PE/LGHX5
- PA10/Ink/PE or ADH/LGHX5
- O.L./ink/Paper/PE or ADH/LGHX5

## Winding Direction



## \* These values do not constitute specific binding specifications

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