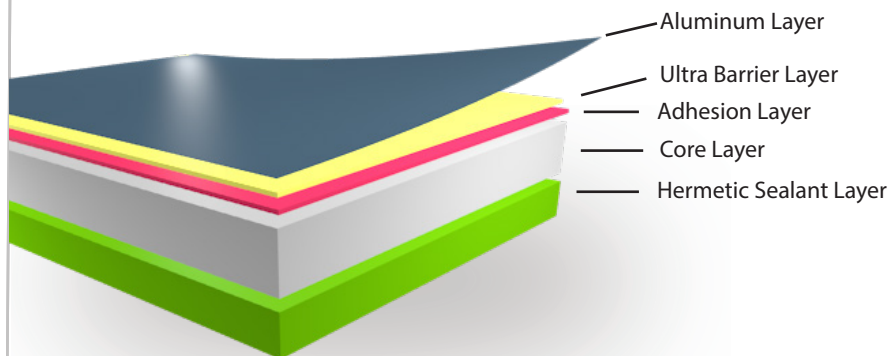


TORAYFAN[®] LGHX5

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		-	micron	41
Nominal Yield		-	m ² /kg	27
Tensile Strength at Break	MD	ASTM D882	MPa	100
	TD			100
Young's Modulus	MD	ASTM D882	MPa	900
	TD			900
Elongation at Break	MD	ASTM D882	%	180
	TD			60
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.11
			μ_d	0.10
Heat Seal Strength @ 121°C		1	g/25mm	3,800
Seal Initiation Temp (>200g/25mm)		1	°C	88
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	0.16
O ₂ Barrier - 23°C, 0% RH		ASTM D3985	cc/m ² /day	0.78

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

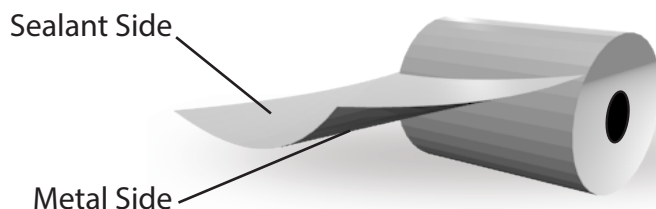
Similar Products

- 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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