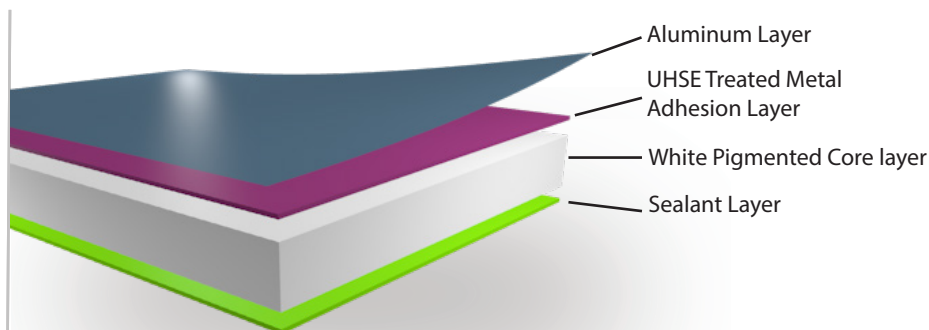


TORAYFAN[®] MPX3

Applications

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



Torayfan MPX3

ONE SIDE HEAT SEALABLE,
ONE SIDE METALLIZED WHITE
PIGMENTED BOPP FILM

Summary

One side vacuum deposited Aluminum on Toray's Ultra High Surface Energy (UHSE), one side heat sealable with a white pigmented core. Designed as an inside moisture and oxygen barrier metallized BOPP film for gas-flushed applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	0.00001"	70
Nominal Yield		-	in ² /lb	42,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	22,000
	TD			45,000
Young's Modulus	MD	ASTM D882	lb/in ²	316,000
	TD			548,000
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8
	TD			5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ _s	0.57
Heat Seal Strength @ 250°F		1	g/in	430
Seal Initiation Temp (>200g/in)		1	°F	185
Hot Tack @ 250°F		2	g/in	210
MVTR - 100°F, 90% RH		ASTM F1249	g/100in ² /day	0.01
O ₂ Barrier - 73°F, 0% RH		ASTM D3985	cc/100in ² /day	1.0

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

2 Sentinel Sealer (see 1) with VERSATOOL hot tack attachment

Key Features

- Non craze metal surface
- Good oxygen barrier - gas flushable
- Good moisture barrier
- Excellent hot tack and very wide heat seal range
- Bright white appearance

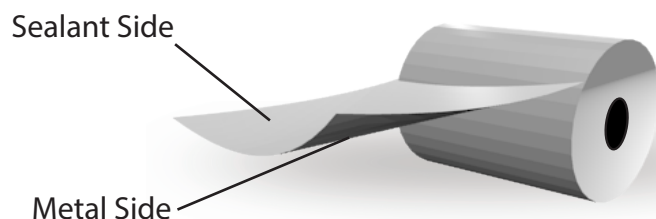
Similar Products

- MPX4

Typical Structures

- F61W/ink/PE or ADH/MPX3
- F62W/ink/PE or ADH/MPX3
- O.L./ink/MPX3
- O.L./ink/Paper/PE/MPX3

Winding Direction



* These values do not constitute specific binding specifications

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