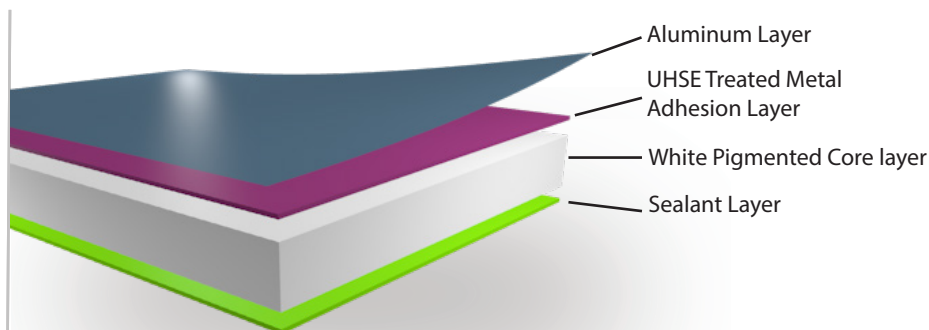


TORAYFAN[®] MPS3

Applications

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



Torayfan MPS3

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 a good moisture barrier metallized BOPP film.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	micron	18
Nominal Yield		-	m ² /kg	60
Tensile Strength at Break	MD	ASTM D882	MPa	100
	TD			300
Young's Modulus	MD	ASTM D882	MPa	2,200
	TD			3,800
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8
	TD			5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ _s	0.57
Heat Seal Strength @ 121°C		1	g/25mm	430
Seal Initiation Temp (>200g/25mm)		1	°C	85
Hot Tack @ 121°C		2	g/25mm	210
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	0.155

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 moisture barrier
- Excellent hot tack and very wide heat seal range
- Bright white appearance

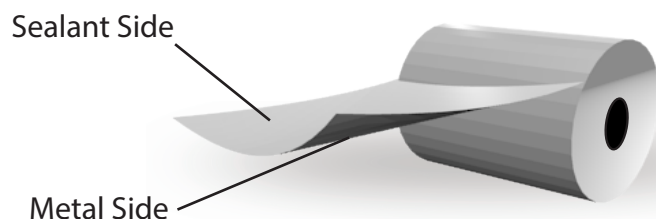
Similar Products

- MPX3
- MPX4

Typical Structures

- F61W/ink/PE or ADH/MPS3
- F62W/ink/PE or ADH/MPS3
- O.L./ink/MPS3
- O.L./ink/Paper/PE/MPS3

Winding Direction



* These values do not constitute specific binding specifications

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