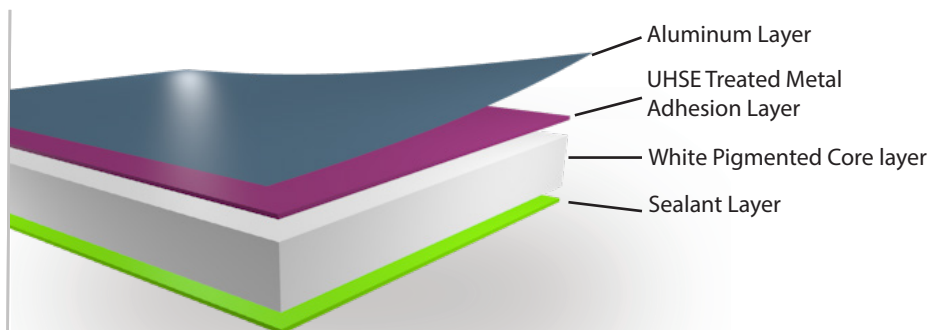


TORAYFAN[®] MPS3

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		-	0.00001"	70
Nominal Yield		-	in ² /lb	42,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500
	TD			45,500
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

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

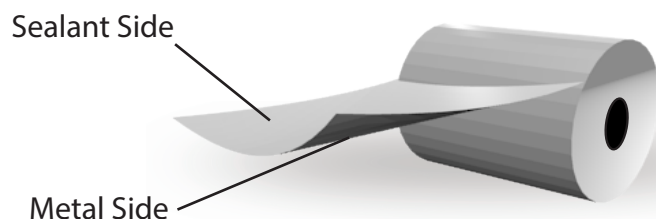
Similar Products

- 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

DISCLAIMER: This information is believed to be correct as of the date of issue. Toray Plastics (America), Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE AND TAKES NO RESPONSIBILITY REGARDING THE SUITABILITY OF THIS INFORMATION FOR THE USER'S INTENDED PURPOSES OR FOR THE CONSEQUENCE OF ITS USE. User is responsible for determining whether the Toray Plastics (America), Inc. product is fit for a particular purpose and suitable for user's method or use of application. Given the variety of factors that can affect the use and application of Toray Plastics (America), Inc. products, which are uniquely within the user's knowledge and control, it is essential that the user make its own tests to determine the safety and suitability of each Toray Plastics (America), Inc. product or product combination for its own purpose.

Torayfan® is a registered trademark of Toray Industries, Inc. for its range of bi-oriented Polypropylene Films (BOPP)