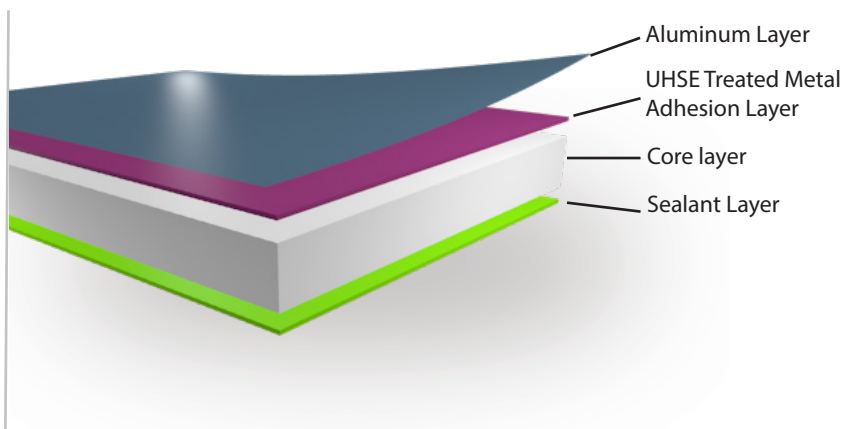


# TORAYFAN PWS3

## Applications

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



Torayfan PWS3

ONE SIDE HEAT SEALABLE,  
ONE SIDE METALLIZED  
BOPP FILM

## Summary

One side vacuum deposited Aluminum on Toray's Ultra High Surface Energy (UHSE), one side heat sealable. Designed as a good moisture barrier metallized BOPP film.

## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES		
Thickness			0.00001"	60	70	100
Nominal Yield			in <sup>2</sup> /lb	51,500	44,000	30,500
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	21,500	21,500	21,500
	TD			45,500	45,500	45,500
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	316,000	316,000	316,000
	TD			548,000	548,000	548,000
Elongation at Break	MD	ASTM D882	%	200	200	200
	TD			60	60	60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8	8	8
	TD			5	5	5
COF (Sealant Side)		ASTM D1894	μ <sub>s</sub>	0.57	0.57	0.57
Heat Seal Strength @ 250°F		1	g/in	380	430	430
SIT (>200g/in)		1	°F	185	185	185
Hot Tack @ 250°F		2	g/in	210	210	210
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in <sup>2</sup> /day	0.01	0.01	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 foil appearance

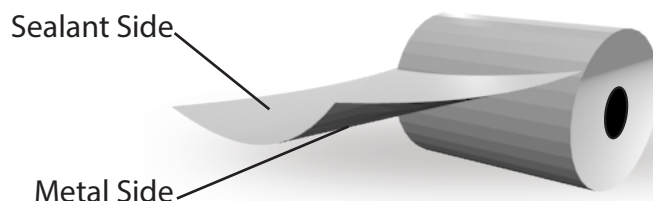
## Similar Products

- PMS2
- PWX2
- PWS2
- PWX3

## Typical Structures

- F61W/ink/PE or ADH/PWS3
- F62W/ink/PE or ADH/PWS3
- O.L./ink/PWS3
- O.L./ink/Paper/PE/PWS3

## Winding Direction



\* These values do not constitute specific binding specifications

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