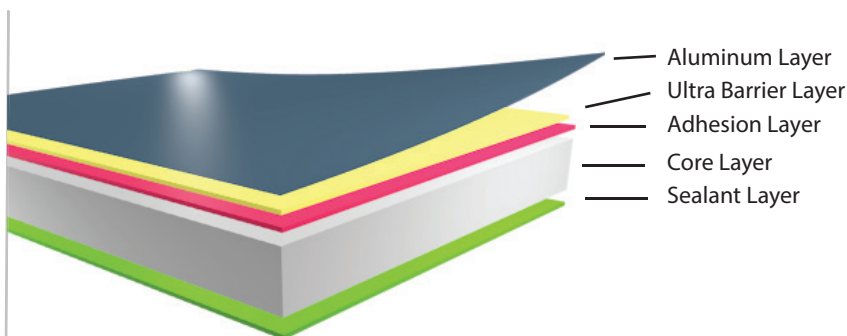


# TORAYFAN PWX5

## Applications

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



Torayfan PWX5

ONE SIDE HEAT SEALABLE,  
ONE SIDE METALLIZED  
HIGH BARRIER BOPP FILM

## Summary

One side vacuum deposited Aluminum on Toray's Ultra Barrier Layer, one side heat sealable. 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 <sup>2</sup> /lb	44,000
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	22,000
	TD			45,000
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	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
COF (Sealant Side)		ASTM D1894	μ <sub>s</sub>	0.66
			μ <sub>D</sub>	0.45
Heat Seal Strength @ 250°F		1	g/in	430
SIT (>200g/in)		1	°F	185
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in <sup>2</sup> /day	0.006
O2TR - 73 °F, 0% RH		ASTM D3985	cc/100in <sup>2</sup> /day	0.05

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

**The product described is covered by one or more of the following patents or patents pending:  
US 6844078, US 6916526, EP1474289**

### Key Features

- Superior Oxygen Barrier – Gas Flushable
- Excellent Moisture barrier
- Non craze metal surface
- Excellent hot tack and wide heat seal range

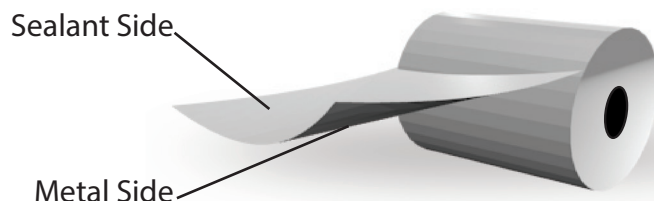
### Similar Products

- PWX4
- PCFS

### Typical Structures

- F61W/ink/PE or ADH/PWX5
- F62W/ink/PE or ADH/PWX5
- PA10/ink/PE or ADH/PWX5
- O.L./ink/PWX5
- O.L./ink/Paper/PE/PWX5

### Winding Direction



\* These values do not constitute specific binding specifications

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