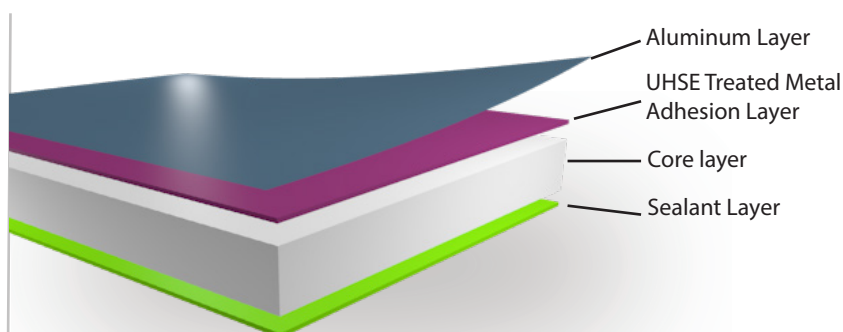


TORAYFAN PWX4

Applications

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



Torayfan PWX4

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 an inside moisture and oxygen barrier metallized BOPP film for gas flushed applications. Superior barrier durability during bag making.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness			0.00001"	60	70
Nominal Yield			in ² /lb	51,500	44,000
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500	21,500
	TD			45,500	45,500
Young's Modulus	MD	ASTM D882	lb/in ²	316,000	316,000
	TD			548,000	548,000
Elongation at Break	MD	ASTM D882	%	200	200
	TD			60	60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8	8
	TD			5	5
COF (Sealant Side)		ASTM D1894	μ_s	0.66	0.66
			μ_b	0.45	0.45
Heat Seal Strength @ 250°F		1	g/in	380	430
SIT (>200g/in)		1	°F	185	185
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in ² /day	0.005	0.005
O2TR - 73 °F, 0% RH		ASTM D3985	cc/100in ² /day	0.6	0.6

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

- Excellent oxygen barrier - gas flushable
- Superior moisture barrier
- Superior barrier durability after bag making
- Non craze metal surface
- Increased oil resistance
- Increased stiffness and puncture resistance
- Excellent hot tack and wide heat seal range

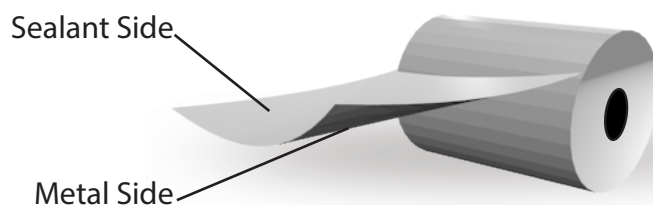
Similar Products

- PMX2
- PWS3
- PWX3
- PCSF

Typical Structures

- F61W/ink/PE or ADH/PWX4
- F62W/ink/PE or ADH/PWX4
- PA10/ink/PE or ADH/PWX4
- O.L./ink/PWX4
- O.L./ink/Paper/PE/PWX4

Winding Direction



* These values do not constitute specific binding specifications

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