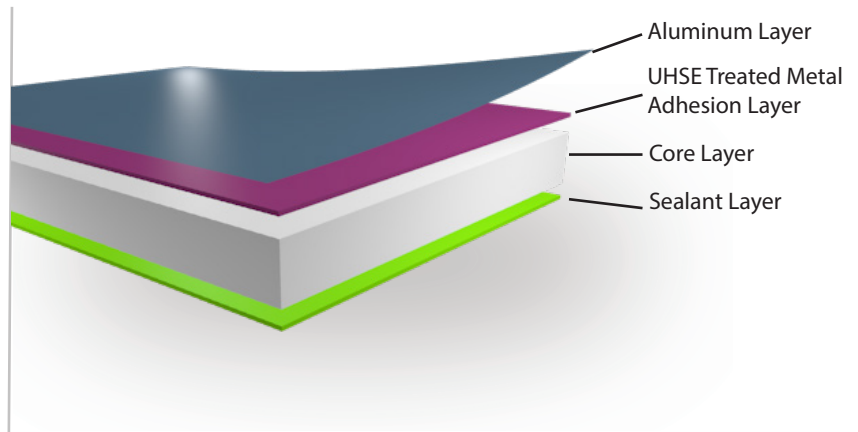


TORAYFAN PCFS

Applications

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



Torayfan PCFS

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 integrated Sealant and Foil replacement film. Superior moisture and excellent oxygen barrier. Excellent barrier durability during package making

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	0.0001"	70
Nominal Yield		-	in ² /lb	44,000
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)			μ_d	0.57
Heat Seal Strength in lamination @ 250°F		1	g/in	700
Seal Initiation Temp (>200g/in)		1	°F	185
MVTR - 100°F, 90% RH		ASTM F1249	g/100in ² /day	0.005
O2 Barrier - 73°F, 0% RH		ASTM D3985	cc/100in ² /day	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, EP 03725995.9 pending**

Key Features

- Excellent oxygen barrier - gas flushable
- Superior moisture barrier
- Integrated sealant with improved hermetics and seal strength
- Non craze metal surface
- Increased oil resistance
- Exceptional barrier durability
- Excellent hot tack and wide heat seal range

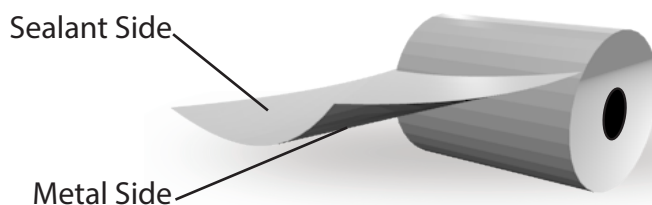
Similar Products

- PWX4
- PLS
- MH5C

Typical Structures

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

Winding Direction



* These values do not constitute specific binding specifications

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