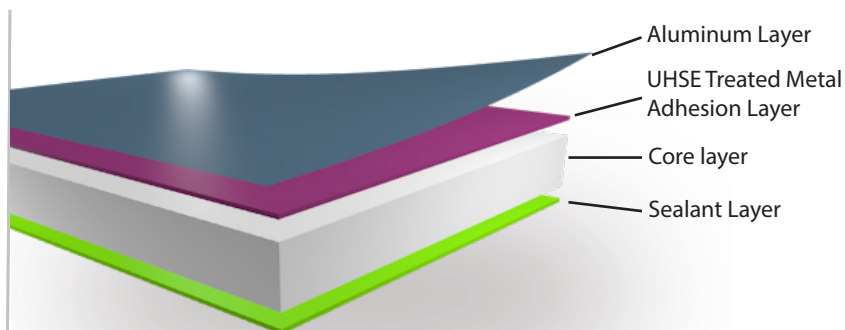


TORAYFAN[®] PLS

Applications

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



Torayfan PLS

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 incorporating Toray's low SIT sealant package. Designed as a superior moisture barrier and excellent oxygen barrier metallized BOPP film.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	micron	15
Nominal Yield		-	m ² /kg	73
Tensile Strength at Break	MD	ASTM D882	MPa	100
	TD			300
Young's Modulus	MD	ASTM D882	MPa	2,200
	TD			3,800
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8
	TD			5
			μ _d	0.57
Heat Seal Strength @ 121°C		1	g/25mm	430
Seal Initiation Temp (>200g/25mm)		1	°C	85
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	0.078
O2 Barrier - 23°C, 0% RH		ASTM D3985	cc/m ² /day	9.3

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

- Low SIT for high speed packaging applications
- Non craze metal surface
- Superior moisture barrier
- Excellent oxygen barrier
- Excellent hot tack and very wide heat seal range
- Improved oil resistance
- Superior barrier durability after bag making

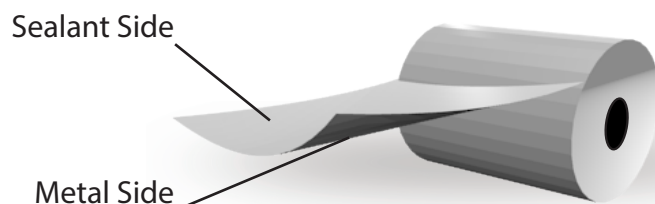
Similar Products

- M51S
- PWX4

Typical Structures

- F61W/ink/PE or ADH/PLS
- F62W/ink/PE or ADH/PLS
- PA10/ink/ PE or ADH/PLS

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)