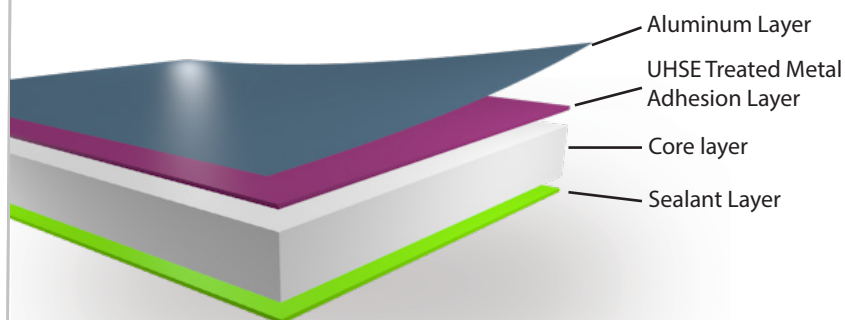


# TORAYFAN<sup>®</sup> PLS

## Applications

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



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		-	m²/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 <sub>d</sub>	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/m²/day	0.078
O2 Barrier - 23°C, 0% RH		ASTM D3985	cc/m²/day	9.3

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

## 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

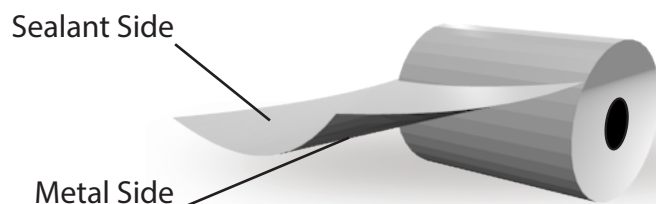
## Similar Products

- 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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