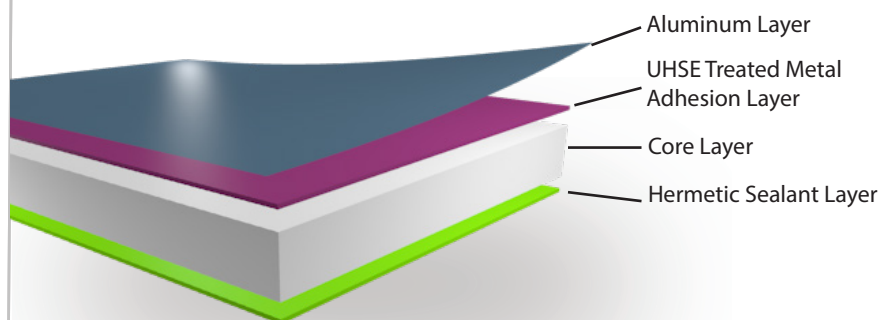


# TORAYFAN<sup>®</sup> MOTM

## Applications

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



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 with high seal strength and improved hermetic sealant properties. Designed as a very good barrier metallized BOPP film for high seal strength and enhanced hermeticity.

## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness		-	0.00001"	70	90
Nominal Yield		-	in <sup>2</sup> /lb	44,000	33,800
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	16,000	16,000
	TD			33,000	33,000
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	200,000	200,000
	TD			350,000	350,000
Elongation at Break	MD	ASTM D882	%	250	250
	TD			50	50
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8	8
	TD			5	5
Coefficient of Friction (Sealant Side)		ASTM D1894	$\mu_s$	0.78	0.78
			$\mu_d$	0.68	0.68
Heat Seal Strength @ 250°F		1	g/in	1,100	1,400
Seal Initiation Temp (>200g/in)		1	°F	190	190
MVTR - 100°F, 90% RH		ASTM F1249	g/100in <sup>2</sup> /day	0.015	0.015

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 6916526, US 9120294, and EP 2195161**

## Key Features

- Improved sealant design for optimal hermetic sealing
- Superior seal strength
- Very good moisture barrier
- Non craze metal surface
- Increased oil resistance
- Excellent hot tack and wide heat seal range

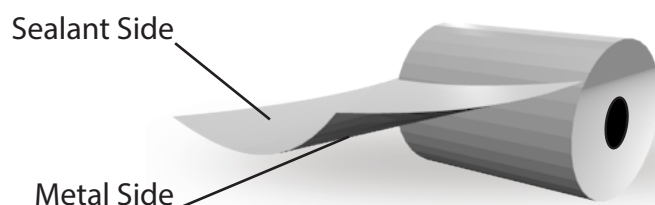
## Similar Products

- PCFS
- MH5C

## Typical Structures

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

## 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)