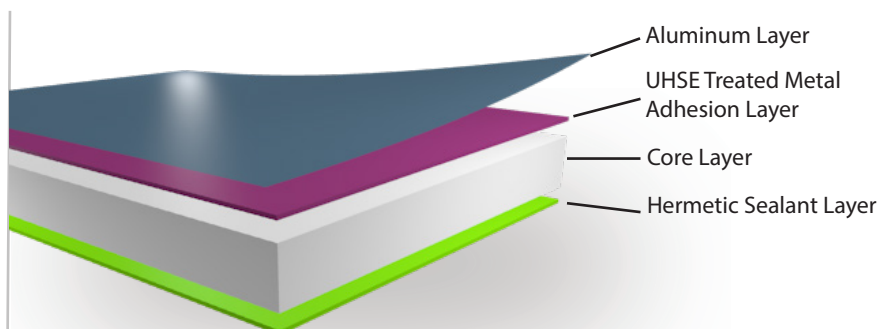


# TORAYFAN<sup>®</sup> MOTM

## Applications

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



Torayfan MOTM

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	-	micron	18	23	
Nominal Yield	-	m <sup>2</sup> /kg	63	48	
Tensile Strength at Break	MD	ASTM D882	MPa	110	110
	TD			228	228
Young's Modulus	MD	ASTM D882	MPa	1,400	1,400
	TD			2,400	2,400
Elongation at Break	MD	ASTM D882	%	250	250
	TD			50	50
Heat Shrinkage (140°C 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 @ 121°C	1		g/25mm	1,100	1,400
Seal Initiation Temp (>200g/25mm)	1		°C	88	88
MVTR - 38°C, 90% RH	ASTM F1249		g/m <sup>2</sup> /day	0.23	0.23

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

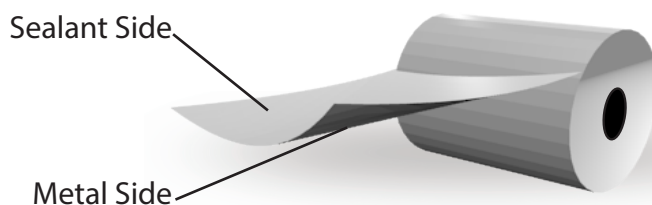
## Similar Products

- 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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