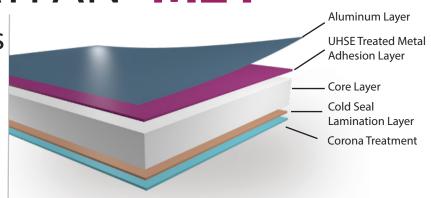
# **Applications**

- Confections
- Snacks
- Bakery
- · Pet Food
- Graphic
- Ag/Chem
- Medical
- Electronics



# ONE SIDE TREATED, ONE SIDE METALLIZED NON SEALABLE BOPP FILM

# Summary

One side vacuum deposited Aluminum on Toray's Ultra High Surface Energy (UHSE), one side corona treated. Designed as a barrier cold seal or buried barrier metallized BOPP film with high lamination bond. Ideal for foil and MPET replacement.

Torayfan M.



## Technical Data \*

PROPERTIES		METHOD	METHOD UNITS		TYPICAL VALUES	
Thickness		-	0.00001"	50	60	
Nominal Yield		-	in²/lb	61,200	51,500	
Tensile Strength at Break	MD	- ASTM D882	lb/in² -	22,000	22,000	
	TD			45,000	45,000	
Young's Modulus	MD	- ASTM D882	lb/in² -	270,000	270,000	
	TD			500,000	500,000	
Elongation at Break	MD	- ASTM D882	% -	180	180	
	TD			60	60	
Heat Shrinkage (284°F for 15 minutes)	MD	– ASTM D1204	% -	8	8	
	TD			5	5	
C		ASTM D1894 -	$\mu_{s}$	0.36	0.36	
Coefficient of Friction (Treated Side)			$\mu_{d}$	0.31	0.31	
Wetting Tension		ASTM D2578	dyne/cm	40	40	
MVTR - 100°F, 90% RH		ASTM F1249	g/100in²/day	0.01	0.01	

- Excellent bonding of pressure sensitive adhesives (cold seals)
- · Non craze metal surface
- · Good moisture barrier
- Excellent bonding in extrusion and adhesive laminations

#### Similar Products

- M10
- PC3

### Typical Structures

- FCR/ink/ADH/M21/ Patterned Cold Seal
- PET/ink/PE/M21/PE
- BOPP/ink/PE/M21/PE
- Ink/Paper/PE/M21/PE
- O.L./ink/Board/PE/M21/PE
- O.L./ink/M21/PE/Board/PE

## Winding Direction



#### ★ These values do not constitute specific binding specifications

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