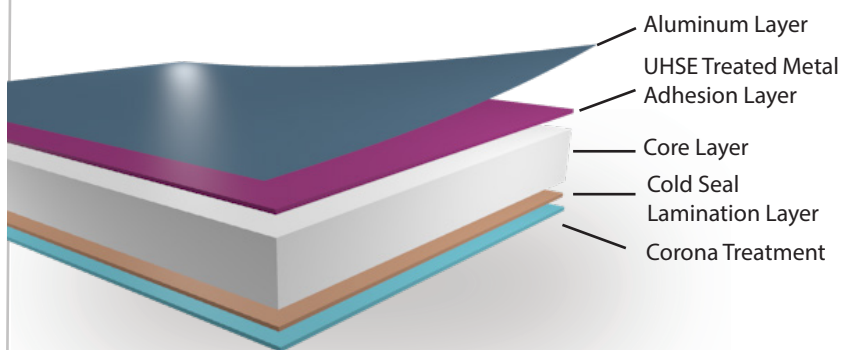


TORAYFAN[®] M10

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. Ideal for foil and MPET replacement.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	0.00001"	60
Nominal Yield		-	in ² /lb	51,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500
	TD			45,500
Young's Modulus	MD	ASTM D882	lb/in ²	316,000
	TD			548,000
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8
	TD			5
Coefficient of Friction (Treated Side)		ASTM D1894	μ_s	0.36
			μ_d	0.31
Wetting Tension		ASTM D2578	dyne/cm	41
MVTR - 100°F, 90% RH		ASTM F1249	g/100in ² /day	0.009

Key Features

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

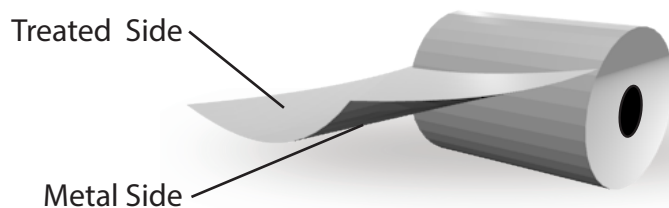
Similar Products

- PC1
- PC3

Typical Structures

- Release Film/ink/ADH/M10/Patterned Cold Seal
- PET/ink/PE/M10/PE
- BOPP/ink/PE/M10/PE
- Ink/Paper/PE/M10/PE
- O.L./ink/Board/PE/M10/PE
- O.L./ink/M10/PE/Board/PE

Winding Direction



* These values do not constitute specific binding specifications

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