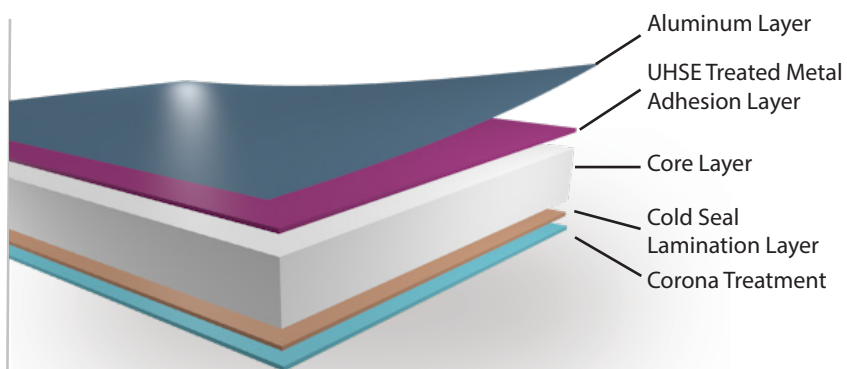


TORAYFAN[®] PC1

Applications

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



Torayfan PC1

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"	45	50
Nominal Yield	-	in ² /lb	68,200	61,200
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500
	TD			21,500
Young's Modulus	MD	ASTM D882	lb/in ²	316,000
	TD			316,000
Elongation at Break	MD	ASTM D882	%	200
	TD			200
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8
	TD			8
Coefficient of Friction (Treated Side)		ASTM D1894	μ_s	0.36
			μ_d	0.31
Wetting Tension	ASTM D2578	dyne/cm	41	41
MVTR - 100°F, 90% RH	ASTM F1249	g/100in ² /day	0.009	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 laminations
- Source reduction = 50 and 45 gauge

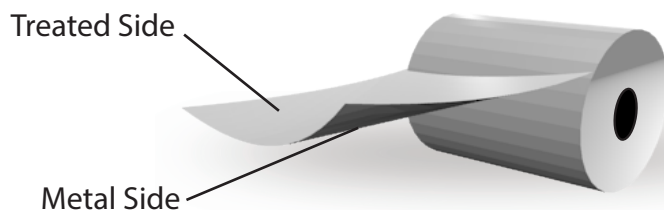
Similar Products

- M10
- PC3

Typical Structures

- FCR/ink/ADH/PC1/Patterned Cold Seal
- PET/ink/PE/PC1/PE
- BOPP/ink/PE/PC1/PE
- Ink/Paper/PE/PC1/PE
- O.L./ink/Board/PE/PC1/PE
- O.L./ink/PC1/PE/Board/PE

Winding Direction



* These values do not constitute specific binding specifications

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