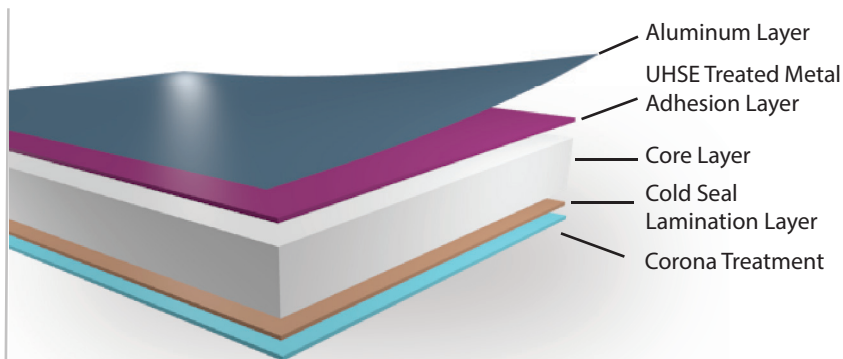


TORAYFAN PC3

Applications

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



Torayfan PC3

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"	50	60
Nominal Yield			in ² /lb	61,200	51,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	22,000	22,000
	TD			45,000	45,000
Young's Modulus	MD	ASTM D882	lb/in ²	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
COF (Corona Treated Side)		ASTM D1894	μ _s	0.36	0.36
			μ _b	0.31	0.31
Wetting Tension (Corona Treated Side)		ASTM D2578	dyne/cm	40	40
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in ² /day	0.005	0.005
O2TR - 73 °F, 0% RH		ASTM D3985	cc/100in ² /day	0.6	0.6

The product described is covered by one or more of the following patents or patents pending:
US6916526

Key Features

- Excellent bonding of pressure sensitive adhesives (cold seals)
- Non craze metal surface
- Excellent moisture barrier
- Excellent oxygen barrier

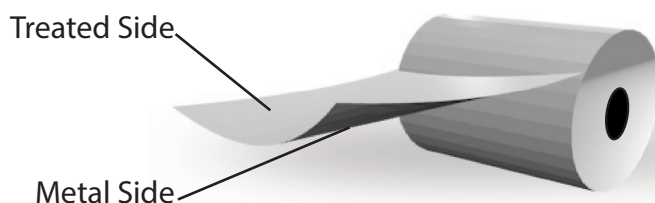
Similar Products

- PC1
- M10

Typical Structures

- Release Film/ink/ADH/PC3/
Patterned Cold Seal
- PET/ink/PE/PC3/PE
- BOPP/ink/PE/PC3/PE
- Ink/Paper/PE/PC3/PE
- O.L./ink/Board/PE/PC3/PE
- O.L./ink/PC3/PE/Board/PE

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)