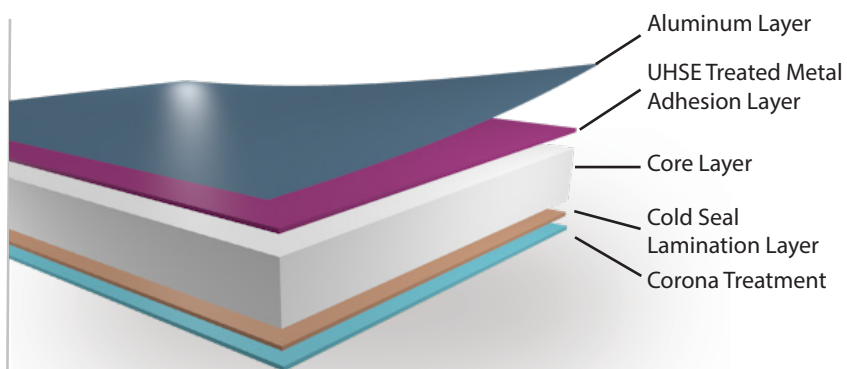


# TORAYFAN<sup>®</sup> PC1

## 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	-	micron	11	13
Nominal Yield	-	m <sup>2</sup> /kg	97	87
Tensile Strength at Break	MD	ASTM D882	MPa	100
	TD			300
Young's Modulus	MD	ASTM D882	MPa	2,200
	TD			3,800
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8
	TD			5.00
Coefficient of Friction (Treated Side)	ASTM D1894		$\mu_s$	0.36
			$\mu_d$	0.31
Wetting Tension	ASTM D2578	dyne/cm	41	41
MVTR - 38°C, 90% RH	ASTM F1249	g/m <sup>2</sup> /day	0.14	0.14

### 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

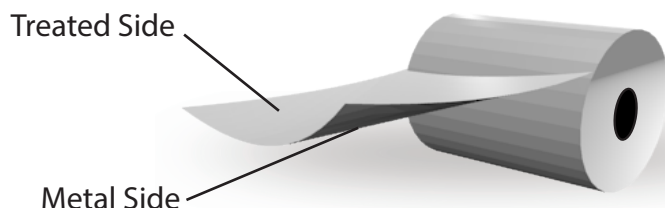
### Similar Products

- 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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