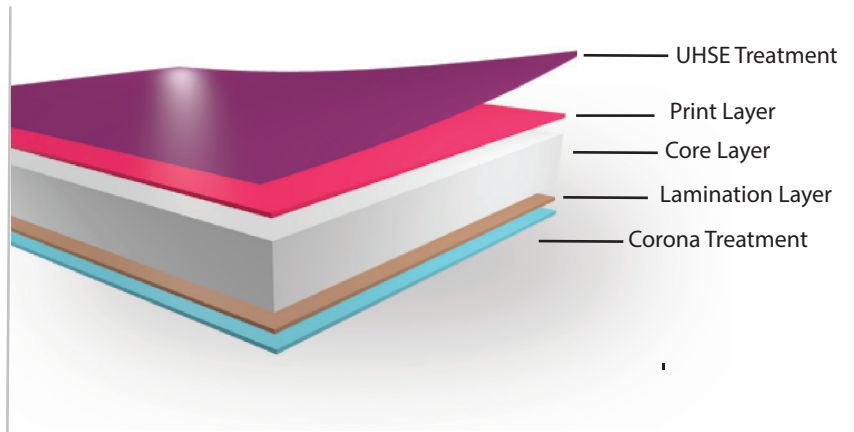


TORAYFAN TC01

Applications

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



Torayfan TC01

TWO SIDE TREATED CLEAR BOPP FILM

Summary

Two side treated: one side Ultra High Surface Energy (UHSE), one side corona Bi-Axially Oriented Polypropylene. Modified COF on non-UHSE side (non-migratory). Designed as the outside print or buried web for clear packaging applications.

Technical Data *

PROPERTIES	METHOD	UNITS	TYPICAL VALUES				
Thickness		μm	11.3	12.5	15	17.5	
Nominal Yield		m ² /kg	97	84	73.3	62.6	
Tensile Strength at Break	MD	ASTM D882	Mpa	100	100	100	100
	TD			300	300	300	300
Young's Modulus	MD	ASTM D882	Mpa	2,200	2,200	2,200	2,200
	TD			3,800	3,800	3,800	3,800
Elongation at Break	MD	ASTM D882	%	200	200	200	200
	TD			60	60	60	60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8	8	8	8
	TD			5	5	5	5
COF (Corona Side)		ASTM D1894	μ _s	0.36	0.36	0.36	0.36
			μ _D	0.31	0.31	0.31	0.31
Wetting Tension		ASTM D2578	dyne/cm	41	41	41	41
Haze (1 sheet)		ASTM 1003	%	2.2	2.2	2.5	2.5
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	10.9	9.9	8.2	7.0

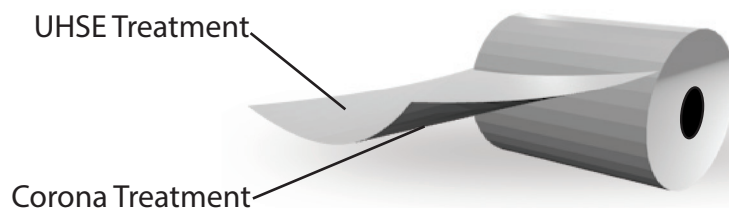
Key Features

- Two side treated with low COF slip, non migratory
- Cold seal compatible

Typical Structures

- TC01/PE or ADH/F71W
- TC01/PE or ADH/PCFS
- TC01/PE or ADH/CBS
- Release Film/Ink/ADH/TC01/PCFS
- Multi-wall Bag/TC01
- PET/Ink/PE/TC01/PE
- O.L./Ink/TC01/Pattern Cold Seal

Winding Direction



* These values do not constitute specific binding specifications

DISCLAIMER: This information is believed to be correct as of the date of issue. Toray Plastics (America), Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE AND TAKES NO RESPONSIBILITY REGARDING THE SUITABILITY OF THIS INFORMATION FOR THE USER'S INTENDED PURPOSES OR FOR THE CONSEQUENCE OF ITS USE. User is responsible for determining whether the Toray Plastics (America), Inc. product is fit for a particular purpose and suitable for user's method or use of application. Given the variety of factors that can affect the use and application of Toray Plastics (America), Inc. products, which are uniquely within the user's knowledge and control, it is essential that the user make its own tests to determine the safety and suitability of each Toray Plastics (America), Inc. product or product combination for its own purpose.

Torayfan® is a registered trademark of Toray Industries, Inc. for its range of bi-oriented Polypropylene Films (BOPP)