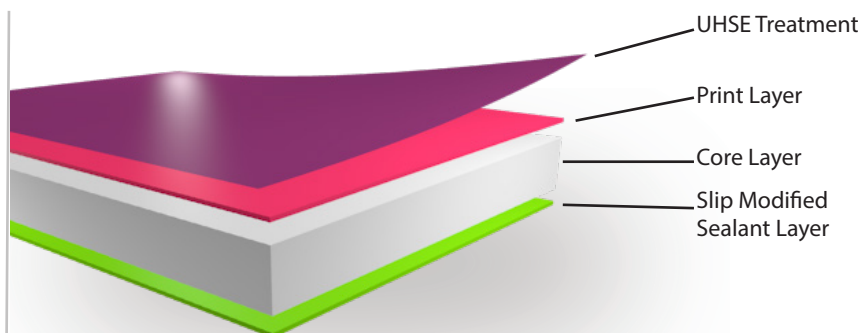


TORAYFAN F61W

Applications

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



Torayfan F61W

ONE SIDE TREATED, ONE
SIDE HEAT SEALABLE
BOPP PRINT WEB

Summary

One side treated with Toray's Ultra High Surface Energy (UHSE) and one side heat sealable Bi-Axially Oriented Polypropylene film. The heat seal layer contains slip additives for low and consistent COF. Designed to be the outside print web for VFFS applications.

Technical Data *

PROPERTIES	METHOD	UNITS	TYPICAL VALUES		
Thickness	-	micron	15	18	20
Nominal Yield	-	m ² /kg	73	63	54
Tensile Strength at Break	MD	ASTM D882	MPa	100	100
	TD			300	300
Young's Modulus	MD	ASTM D882	MPa	2,200	2,200
	TD			3,800	3,800
Elongation at Break	MD	ASTM D882	%	200	200
	TD			60	60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8	8
	TD			5	5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.33	0.33
			μ_d	0.25	0.25
Gloss (60°)		ASTM D2457	GU	130	130
Haze (1 sheet)		ASTM 1003	%	2	2
Wetting Tension		ASTM D2578	dyne/cm	41	41
Heat Seal Strength @ 121°C		1	g/25mm	310	330
Seal Initiation Temp (>200g/25mm)		1	°C	113	113
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	8.22	6.98

1 Sentinel Sealer model 12 ASL, 0.5 sec, 20 psi. UPPER: flat, Teflon coated. LOWER: rubber with glass cloth, unheated

Key Features

- Excellent print quality and ink adhesion
- Wide heat seal range for lap seals
- Excellent bond in adhesive and extrusion laminations
- Stable slip system for low, continuous COF

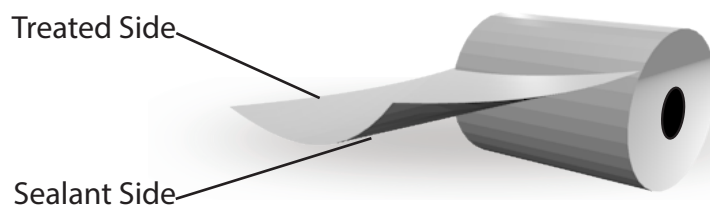
Similar Products

- F62W
- F71W

Typical Structures

- F61W/ink/PE or ADH/F61W - lap or fin seal
- F61W/ink/PE or ADH/F71W - lap or fin seal
- F61W/ink/PE or ADH/PWX4 - lap or fin seal
- F61W/ink/PE or ADH/CBS - lap or fin seal
- O.L./ink/F61W - fin 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)