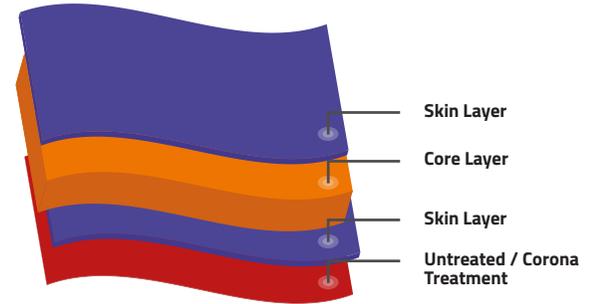


F-PAP_BD

STANDARD PLAIN FILM WITH REDUCED CARBON FOOTPRINT

F-PAP_BD is a transparent BOPET film. The film is one side Corona Treated with one side Untreated or both sides Untreated.

FILM STRUCTURE



KEY FEATURES:

- High clarity
- Corona treatment improves bonding
- Excellent surface & good handling properties
- Excellent dimensional stability & machinability
- Specially designed for Form, Fill, & Seal machines
- Eco friendly characteristics

APPLICATION:

- Flexible packaging
- Solvent & Water based coatings
- Reduced carbon footprint when compared to standard BOPET

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS	Internal	Micron	12	19	23	
		(Gauge)	48	76	92	
YIELD	Internal	m ² / kg	59.52	37.59	31.05	
		in ² /lb	41934	26483	21876	
SURFACE TENSION (min) # (Corona Treated surface)	ASTM D-2578	dyne/cm	52			
COF (max) (Untreated to Untreated) (Untreated to Corona Treated)	ASTM D-1894	-	0.50			
			0.55			
HAZE (max)	ASTM D-1003	%	4.0	4.0	4.5	
TENSILE STRENGTH AT BREAK (min)	MD TD MD TD	ASTM D-882	kg/cm ²	1900	1900	1900
				2000	2000	2000
			(Psi)	27000	27000	27000
				28500	28500	28500
ELONGATION AT BREAK (min)	MD TD	ASTM D-882	%	105	110	115
				85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD TD	ASTM D-1204	%	3.0		
				1.0		
MVTR (38°C & 90% RH) (typical)	ASTM F-1249	gm/m ² /day	45	35	30	
		(gm/100 in ² /day)	2.9	2.3	2.0	
OTR (23°C & 0% RH) (typical)	ASTM D-3985	cc/m ² /day	130	90	80	
		(cc/100 in ² /day)	8.5	5.8	5.2	

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

FLEXPET™ needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, FLEXPET™ is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

FLEXPET™ complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

Ref. No: QAD UFLI S/20 -F114/1

** TDS issued on 01-04-2020. All previous version of this grade are invalid.

FlexFilms

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