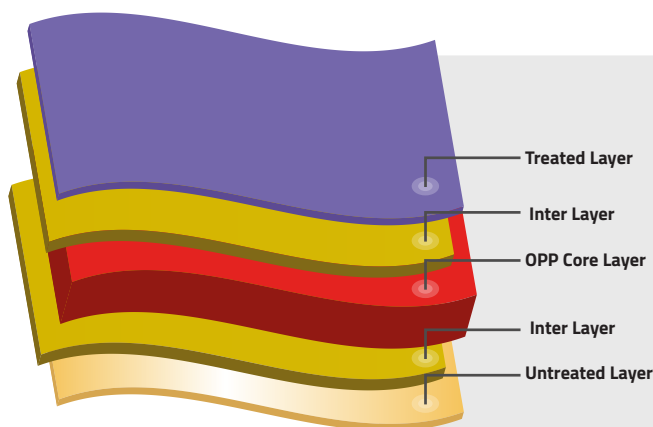


## B-TPL

### Transparent Uncoated BOPP Film For Pressure Sensitive Label Applications

B-TPL is a functionally modified film specifically designed for pressure sensitive label applications.



## FILM STRUCTURE

## THE BIG DIFFERENTIATORS

### Superb Gloss

Imparting subtle richness to branding.

### Good Printability

Excellent half-tone dot transfer.

### Good Stiffness

Better performance on PSL conversion process.

### Better Optics

Finer print images.

### Good Flatness

Good lay flat attributes.

## KEY FEATURES:

- Excellent gloss & transparency
- Good printability  
(Recommended top coating for any UV based printing)
- Excellent web flatness
- Robust Machinability
- No label look, face stock for PSL application

## APPLICATIONS:

- Pressure sensitive label

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES					
THICKNESS		Internal	Micron	38	40	45	47	50	57
			(Gauge)	152	160	180	188	200	228
FILM DENSITY		D-1505	gm/cc	0.91					
GRAMMAGE		Internal	gm/m <sup>2</sup>	34.6	36.4	40.95	42.8	45.5	51.9
YIELD		Internal	m <sup>2</sup> /kg	28.9	27.5	24.4	23.4	22	19.3
			in <sup>2</sup> /lb	20300	19332	17153	16413	15466	13534
TREATMENT LEVEL		D-2578	dyne/cm	38					
COEFF OF FRICTION (UTR/UTR)	Dynamic	D-1894	-	0.30±0.05					
HAZE		D-1003	%	1.7 ± 0.3					
GLOSS (at 45°)		D-2457	Unit	100					
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm <sup>2</sup>	1200					
	TD*			2500					
	MD*		(KPsi)	17.0					
	TD*			35.5					
ELONGATION AT BREAK	MD*	D-882	%	200					
	TD*			60					
LINEAR SHRINKAGE (max) (5 Minutes at 130°C)	MD*	D-1204	%	6.0					
	TD*			3.0					

Ref no QAD UFLI S/20 - B26/1

\*MD = MACHINE DIRECTION \*TD = TRANSVERSE DIRECTION

## STORAGE & HANDLING

FLEXOPP™ does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. FLEXOPP™ is best suitable for use within 6 months from date of dispatch.

## FOOD CONTACT

FLEXOPP™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

## DISCLAIMER

It is the responsibility of our customers 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.

\*\*TDS issued on 21-08-2023. All previous version of this grade are invalid.

**FlexFilms**

Manufacturing Facilities at  
India | UAE | Poland | Egypt | Mexico |  
USA | Hungary | Russia | Nigeria  
enquiry@flexfilm.com  
www.flexfilm.com