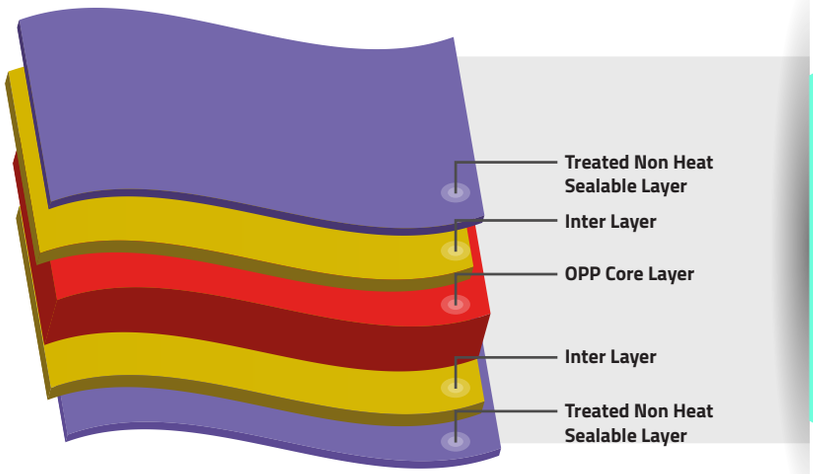
B-TNT

Standard Both Side Treated Non Sealable BOPP Film

B-TNT is a co extruded non sealable film with both side corona treatment.



FILM STRUCTURE

THE BIG DIFFERENTIATORS

Good Ink Adhesion
High performance printability.

Fine Printability
Good Half-tone dot transfer.

Good Machinability
Highly productive Performance with minimum wastage.

Good Wet Lamination Adhesive Bond
Paper fiber tear bond imparting subtle richness to branding.

Differential Treatment
No ink-setoff & good batch coding.

KEY FEATURES:

- Good printability
- Good gloss & clarity
- Controlled slip & antistatic
- Good dimensional stability

APPLICATIONS:

- Paper & board lamination (wet lamination)
- Bakery (biscuit, cookie, crackers)
- Snacks
- Confectionary

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES						
THICKNESS		Internal	Micron	9	10	12	15	18	20	25
			(Gauge)	36	40	48	60	72	80	100
FILM DENSITY		D-1505	gm/cc	0.91						
GRAMMAGE		Internal	gm/m²	8.2	9.1	10.9	13.7	16.4	18.2	22.7
YIELD		Internal	m²/kg	121.9	109.9	91.7	73.1	61.1	54.9	44
			in²/lb	85695	77259	64465	51389	42959	38594	30932
TREATMENT LEVEL		D-2578	dyne/cm	38						
COEFF OF FRICTION (UTR/UTR)	Dynamic	D-1894	-	0.36±0.05						
HAZE		D-1003	%	1.5	1.5	1.6	1.6	1.6	1.6	1.7
GLOSS (at 45°)		D-2457	Unit	98	98	96	96	96	96	95
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm²	1250						
	TD*			2500						
	MD*		(KPsi)	17.8						
	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						
WATER VAPOUR TRANSMISSION RATE (38°C & 90% RH)		F-1249	gm/m²/day	7.6	7.6	7.4	7.0	68	6.5	6.0
			(gm/100 in²/day)	0.49	0.49	0.48	0.45	0.44	0.42	0.39
OXYGEN TRANSMISSION RATE (23°C & 0% RH)		D-3985	cc/m²/day	2400	2400	2300	2000	1800	1800	1700
			(cc/100 in²/day)	155	155	148	129	116	116	110

Ref no QAD UFLI S/14 – B 10/3
*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 01-04-2020. All previous version of this grade are invalid.

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