

B-DSC-AL

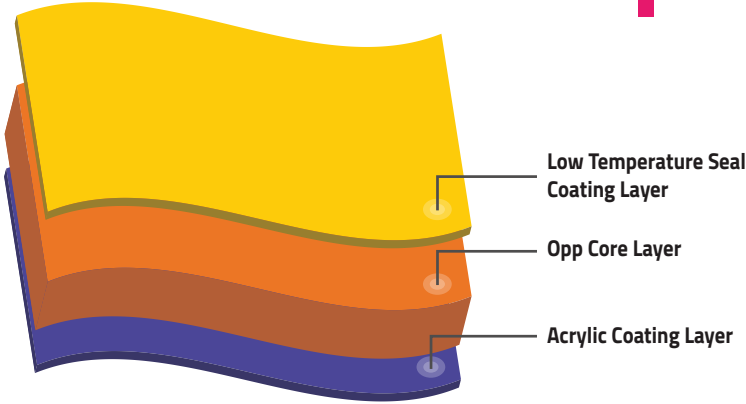
ONE SIDE ACRYLIC & OTHER SIDE LOW TEMPERATURE SEAL COATED BOPP FILM

B-DSC-AL is one side Acrylic coating and other side Low temperature seal coated BOPP film

KEY FEATURES:

- Excellent Flavor and Aroma Barrier
- Wide sealing range with a low minimum seal temperature
- Excellent hottack and sealstrength
- Water Based coating
- High clarity and gloss
- Excellent ink and lamination adhesion

FILM STRUCTURE



APPLICATIONS:

- Overwrap
- Biscuits/Cookie/Crackers
- Confectionery, Chocolate
- Bakery

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	20
			(Gauge)	80
GRAMMAG		Internal	gm/m2	18.2
YIELD		Internal	m²/kg	54.9
			in²/lb	38594
TREATMENT LEVEL		D-2578	dyne/cm	38
COEFF OF FRICTION (Acrylic/Acrylic)	DYNAMIC	D-1894	-	0.40
COEFF OF FRICTION (LTS/LTS)	DYNAMIC			0.30
HAZE (Max)		D-1003	%	2
GLOSS (at 45°)		D-2457	GU	90
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm2	1200
	TD*			2500
	MD*		(KPsi)	17.0
	TD*			35.5
ELONGATION AT BREAK	MD*	D-882	%	200
	TD*			60
LINEAR SHRINKAGE (max) ( 5 Minute at 130° C)	MD*	D-1204	%	6
	TD*			3
HEAT SEAL INITIATION TEMPERATURE		Internal	°C	65
HEAT SEAL STRENGTH (Min)		Internal	gm/25mm	350
WATER VAPOUR TRANSMISSION RATE (38°C & 90%RH)		F-1249	gm/m2/day	6.8
			(gm/100in2/day)	0.44
OXYGEN TRANSMISSION RATE (23°C & 0%RH)		D-3985	cc/m2/day	1800
			(cc/100in2/day)	116

\*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.