

B-DSC-DL

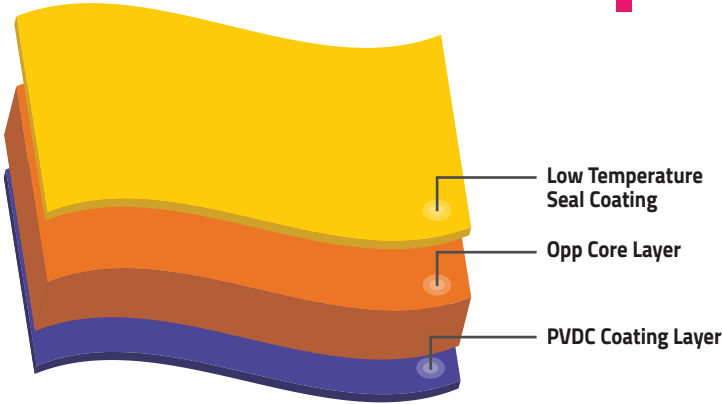
ONE SIDE PVDC & OTHER SIDE LOW TEMPERATURE SEAL COATED BOPP FILM

B-DSC-DL is one side PVdC and other side Low Heat Seal Temperature coated BOPP film for high speed line pakcaging

KEY FEATURES:

- Water base coating
- Very high barrier to oxygen, gase, moisture and aromas
- Oxygen barrier unaffected by high humidity level
- Very low seal initiation temperature on LTS side
- Good gloss and transparency
- Excellent seal strength and hot tack
- VFFS & HFFS uses

FILM STRUCTURE



APPLICATIONS:

- Suitable for plain and printed lamination and overwrapping applications in the biscuit, confectionery, cookies, dry foods, beverage powders, bakery products, ice cream
- Medium to large packs on form-fill- seal machines
- Lap and fin sealing application
- Fat and oil content food packaging

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	21
			(Gauge)	84
GRAMMAG		Internal	gm/m2	20.3
YIELD		Internal	m²/kg	49.3
			in²/lb	34657
TREATMENT LEVEL (PVDC Side)		D-2578	dyne/cm	50
TREATMENT LEVEL (LTS Side)				38
COEFF OF FRICTION (PVDC/PVDC) COEFF OF FRICTION (LTS/LTS)	DYNAMIC DYNAMIC	D-1894	-	0.35
				0.40
HAZE (Max)		D-1003	%	2.5
GLOSS (at 45°)		D-2457	GU	98
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	PVDC/PVDC	Internal	°C	100
	LTS/LTS			65
HEAT SEAL STRENGTH (Min)	PVDC/PVDC	Internal	gm/25mm	300
	LTS/LTS			400
WATER VAPOUR TRANSMISSION RATE (38°C & 90%RH)		F-1249	gm/m2/day	3.2
			(gm/100in2/day)	0.2
OXYGEN TRANSMISSION RATE (23°C & 0%RH)		D-3985	cc/m2/day	15
			(cc/100in2/day)	0.97

\*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.