

B-DSC-DA

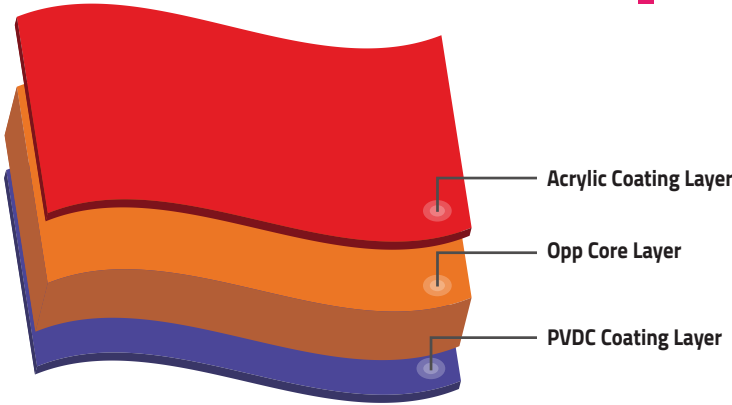
ONE SIDE PVDC & OTHER SIDE ACRYLIC COATED BOPP FILM

B-DSC-DA is one side PVdC and other side Acrylic coated BOPP film for cheese, dry fruits packagng

KEY FEATURES:

- Water base coating
- Very high barrier to oxygen, gase, moisture and aromas
- Oxygen barrier unaffected by high humidity level
- Excellent seal strength and hot tack
- Good gloss and transparency
- Excellent printability
- VFFS & HFFS use

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
- Lap and fin seal 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 (Acrylic Side)				38
COEFF OF FRICTION (PVDC/PVDC)	DYNAMIC	D-1894	-	0.35
COEFF OF FRICTION (Acrylic/Acrylic)	DYNAMIC			0.30
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
	Acrylic/Acrylic			85
HEAT SEAL STRENGTH (Min)	PVDC/PVDC	Internal	gm/25mm	300
	Acrylic/Acrylic			350
WATER VAPOUR TRANSMISSION RATE (38°C & 90%RH)		F-1249	gm/m2/day	54
			(gm/100in2/day)	0.32
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.