

Product Description:

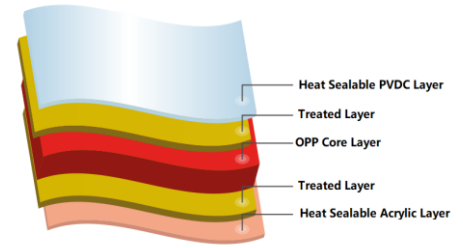
B-DSC-DA is one side PVdC and other side Acrylic coated BOPP film for cheese, dry fruits packaging

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

Key Features:

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

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
				21
THICKNESS	Internal	Micron		21
		(Gauge)		84
YIELD	Internal	m ² /kg		45.7
		in ² /lb		32132
TREATMENT LEVEL (PVdC side)	D-2578	dyne/cm		50
COEFF OF FRICTION (PVdC/PVdC)	DYNAMIC	D-1894	-	≤0.40
COEFF OF FRICTION (Acrylic/Acrylic)	DYNAMIC	D-1894	-	≤0.35
HAZE	D-1003	%		2.5
GLOSS @45°	D-2457	GU		100
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	1200
				2500
	TD*	D-882	(KPsi)	17.0
				35.5
ELONGATION AT BREAK	MD	D-882	%	200
	TD			60
LINEAR SHRINKAGE (max) (05 Minute at 130°C)	MD	D-1204	%	6
	TD			3
HEAT SEAL INITIATION TEMPERATURE	PVdC/PVdC	Internal	°C	107
	Acrylic/Acrylic			90
HEAT SEAL STRENGTH (Min.)	PVdC/PVdC	Internal	gm/25mm	300
	Acrylic/Acrylic			400
W.V.T.R.(38°C & 90%RH)	F-1249		gm/m ² /day	5
			(gm/100in ² /day)	0.32
O.T.R. (23°C & 0%RH)	D-3985		cc/m ² /day	15
			(cc/100in ² /day)	0.97

Ref no QAD UFLI S/24 - B/Aug-24/P

*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 08-08-2024

Website: www.flexfilm.com