

**Product Description:**

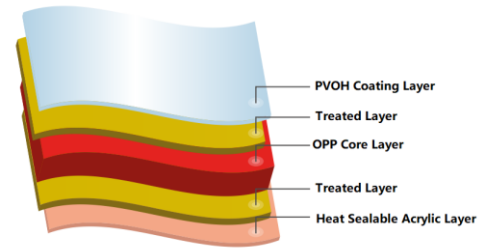
B-DSC-PA is one side PVOH and other side Acrylic coated BOPP film for dry food item packaging

**Applications:**

- Suitable for plain and printed lamination and overwrapping
- For packaging of beverage powder, dry food, dry fruits, pet food
- Medium to large packs on form-fill- seal machines
- For fin seal application

**Key Features:**

- Water base coating
- Exceptional gas and aroma barrier
- Substantial improvement in protection to the migration of mineral oils compared to standard uncoated OPP
- Excellent seal strength and hot tack on acrylic side
- Good gloss and transparency
- VFFS & HFFS uses

**Film Structure**

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
			20	27
THICKNESS	Internal	Micron	20	27
		(Gauge)	80	108
YIELD	Internal	m <sup>2</sup> /kg	53.8	40
		in <sup>2</sup> /lb	37839	28178
TREATMENT LEVEL (PVOH side)	D-2578	dyne/cm	44	44
COEFF OF FRICTION (PVOH/Acrylic)	DYNAMIC D-1894	-	≤0.40	≤0.40
COEFF OF FRICTION (Acrylic/Acrylic)	DYNAMIC D-1894	-	≤0.35	≤0.35
HAZE	D-1003	%	2.5	
GLOSS @45°	D-2457	GU	95	
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm <sup>2</sup>	1200
	TD*			2500
ELONGATION AT BREAK	MD	D-882	%	200
	TD			60
LINEAR SHRINKAGE (max) ( 05 Minute at 130 <sup>0</sup> C)	MD	D-1204	%	6
	TD			3
HEAT SEAL INITIATION TEMPERATURE	Acrylic/Acrylic	Internal	°C	110
HEAT SEAL STRENGTH (Min.)	Acrylic/Acrylic	Internal	gm/25mm	400
W.V.T.R.(38 <sup>0</sup> C & 90%RH)	F-1249		gm/m <sup>2</sup> /day	4
			(gm/100in <sup>2</sup> /day)	0.26
O.T.R. (23 <sup>0</sup> C & 0%RH)	D-3985		cc/m <sup>2</sup> /day	1
			(cc/100in <sup>2</sup> /day)	0.065

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](http://www.flexfilm.com)