

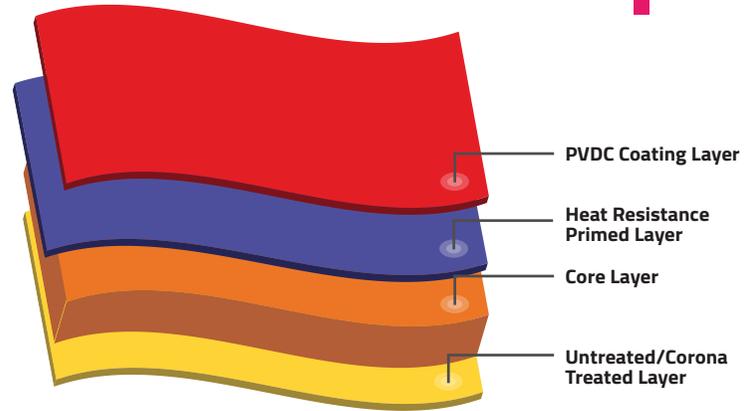
## F-PDC TRANSPARENT PVDC COATED POLYESTER FILM

F-PDC is a transparent PVDC coated Polyester film It is one side PVDC coated other side Untreated or corona treated

### KEY FEATURES:

- Very good transparency & clarity
- The PVdC layer is designed to improve the barrier to water vapour, oxygen and aroma
- Excellent adhesion to inks and adhesive
- Suitable for reverse printing and lamination

## FILM STRUCTURE



### APPLICATIONS:

- Eye catching see through packaging
- Suitable for reverse printing and lamination
- Modified Atmosphere Packaging (MAP) for meat, cheese, pasta or other fresh products
- Suitable for product requiring extended shelf life

\*\* Not recommended for hot fill, pasteurization and retort application

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	14
			(Gauge)	56
GRAMMAG		Internal	gm/m <sup>2</sup>	19.3
YIELD		Internal	m <sup>2</sup> /kg	51.8
TREATMENT LEVEL (PVDC Coated Side)	(Min)	D-2578	dyne/cm	54
COEFF OF KINETIC FRICTION (One side to other side)	(Max)	D-1894	-	0.35
HAZE	(Max)	D-1003	%	5
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm <sup>2</sup>	1900
	TD*			2000
ELONGATION AT BREAK	MD*	D-882	%	105
	TD*			85
LINEAR SHRINKAGE (max) (5 Minute at 130°C)	MD*	D-1204	%	3.0
	TD*			1.0
WATER VAPOUR TRANSMISSION RATE (38°C & 90%RH)		F-1249	gm/m <sup>2</sup> /day	8
			(gm/100in <sup>2</sup> /day)	0.52
OXYGEN TRANSMISSION RATE (23°C & 0%RH)		D-3985	cc/m <sup>2</sup> /day	8
			(cc/100in <sup>2</sup> /day)	0.52

\*MD = MACHINE DIRECTION \*TD = TRANSVERSE DIRECTION

### STORAGE & HANDLING

FLEXPET™ needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, FLEXPET™ is suitable for use within 270 days from the date of shipment.

### FOOD CONTACT

FLEXPET™ 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.

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\*\*TDS issued on 18-10-2024. All previous version of this grade are invalid.

**FlexFilms**

Manufacturing Facilities at  
 India | UAE | Poland | Egypt | Mexico |  
 USA | Hungary | Russia | Nigeria  
 enquiry@flexfilm.com  
 www.flexfilm.com