

# F-PAM

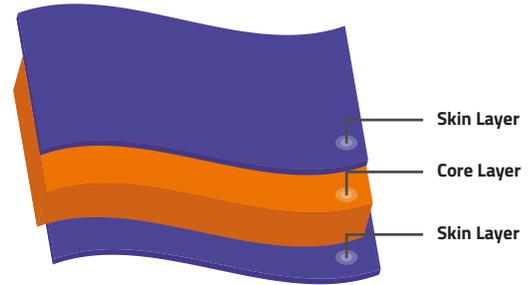
## MINING APPLICATION FILM

F-PAM is a transparent BOPET film. Both sides of the film are Untreated.

### KEY FEATURES:

- High clarity
- Excellent surface & good handling properties
- Excellent machinability & dimensional stability
- Specially designed for Form, Fill, & Seal machine
- Eco friendly characteristics

## FILM STRUCTURE



### APPLICATION:

- Mining
- Flexible packaging
- Solvent & Water base coating

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	36	44	50
			(Gauge)	144	175	200
YIELD		Internal	m <sup>2</sup> / kg	19.84	16.23	14.28
			in <sup>2</sup> / lb	13978	11400	10060
COF (max) (Untreated to Untreated)		ASTM D-1894	-	0.45	0.45	0.45
HAZE (max)		ASTM D-1003	%	6.5	6.5	7.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900	1900	1700
	TD			2100	2100	2100
	MD		(Psi)	27000	27000	24200
	TD			30000	30000	30000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	120	120	120
	TD			110	110	110
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	1.5		
	TD			1.0		
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	20	18	16
			(gm/100 in <sup>2</sup> /day)	1.3	1.2	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	70	55	45
			(cc/100 in <sup>2</sup> /day)	4.5	3.5	2.9

# The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

### 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 EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

### DISCLAIMER

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