

# F-SBP-M

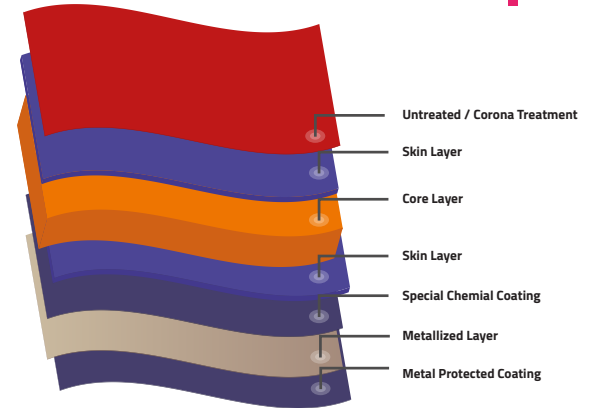
## HIGH BARRIER METALLIZED BOPET FILM

F-SBP-M is a Super barrier metal protected BOPET film having metallization on one side and other side untreated or corona treated. The bond between the metal & film is 100gm/25mm with no metal transfer. Film is specially designed for Special high barrier application.

### KEY FEATURES:

- High Barrier Properties
- Excellent Gloss
- Excellent Machinability & handling properties

### FILM STRUCTURE



### APPLICATION:

- Special high barrier application
- Lamination
- Decorative application
- Flexible Packaging

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
OPTICAL DENSITY*** (TOLERANCE : +/- 5%)				2.5
THICKNESS		Internal	Micron	12.3
			(Gauge)	49.2
YIELD		Internal	m <sup>2</sup> / kg	58.07
			in <sup>2</sup> /lb	40910
COF (max) One side to the other side		ASTM D-1894	-	0.70
TENSILE STRENGTH AT BREAK (min)		ASTM D-882	kg/cm <sup>2</sup>	1900
				2000
			(Psi)	27000
				28500
ELONGATION AT BREAK (min)		ASTM D-882	%	100
				85
LINEAR SHRINKAGE (max) (30 Minute at 105°C)		ASTM D-1204	%	1.5
				0.6
WVTR (38°C & 90%RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	<0.5
			(gm/100in <sup>2</sup> /day)	<0.032
OTR (23°C & 0%RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	<0.1
			(cc/100in <sup>2</sup> /day)	<0.006

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

### STORAGE & HANDLING

FLEXMETPROTECT™ 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, FLEXMETPROTECT™ is suitable for use within 180 days from the date of shipment.

### FOOD CONTACT

FLEXMETPROTECT™ complies with EU and FDA regulations on plastic materials used for food grade application. Specific documents and SDS are available on request.

### DISCLAIMER

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