

F-MES

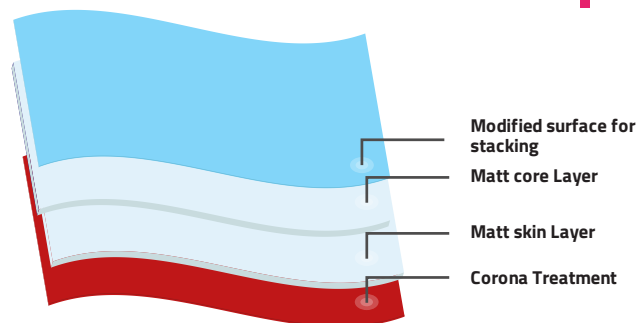
EASY STACKABLE MATTE EFFECT BOPET FILM

F-MES is a matt effect polyester film. It is one side Matt corona treated surface other side glossy Untreated surface.

KEY FEATURES:

- High Coefficient of Friction
- Excellent machinability & handling properties
- One side special modified surface for stacking of bags to prevent from slippage in storage or palletization, Other side corona treatment provide good adhesion with inks & adhesives
- Very good matt effect

FILM STRUCTURE



APPLICATION:

- Printing & lamination
- Bag & pouch

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	12
			(Gauge)	48
YIELD		Internal	m² / kg	59.52
			in² /lb	41934
SURFACE TENSION (min) # (Corona treated Side)		ASTM D-2578	dyne/cm	52
COF (max) (One side to the other side)		ASTM D-1894	-	0.70
HAZE (max)		ASTM D-1003	%	35
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900
	TD			2000
	MD		(Psi)	27000
	TD			28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110
	TD			80
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0
	TD			1.0
W.V.T.R. (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	45
			(gm/100 in²/day)	2.9
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130
			(cc/100 in²/day)	8.5

The inherent surface tension of the untreated side of any Pet film is minimum 42 dyne/cm

STORAGE & HANDLING

SELEXIBLE need 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, SELEXIBLE is suitable for use within 270 days from date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS 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. Selexible 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. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

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