

# F-MSH

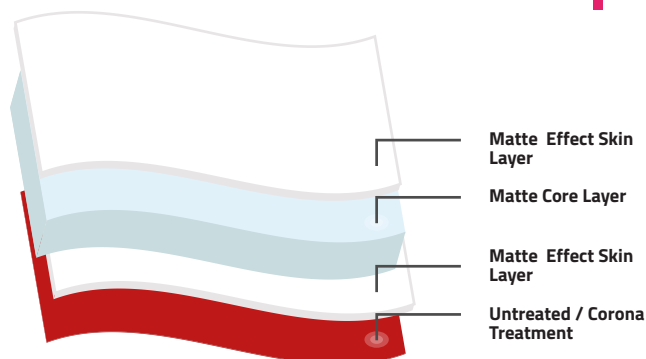
## SUPER MATT POLYESTER FILM

F-MSH is a Super Matt effect BOPET film. The Film is both side untreated or one side corona treated.

### KEY FEATURES:

- Super matt effect
- One side corona treatment provide good adhesion with inks & adhesives
- Excellent machinability & handling properties
- Good stiffness

## FILM STRUCTURE



### APPLICATION:

- Thermal lamination
- Label application
- Conversion application
- Board lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	19	23
			(Gauge)	48	76	92
YIELD		Internal	m² / kg	59.52	37.59	31.05
			in² /lb	41934	26483	21876
SURFACE TENSION (min) # (Corona treated Side)		ASTM D-2578	dyne/cm	52		
COF (max) (One side to the other side)		ASTM D-1894	-	0.50		
HAZE (min)		ASTM D-1003	%	70	75	85
GLOSS AT 45° angle		ASTM D-2457	-	28	26	25
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1500	1500	1400
	TD			1900	1900	1900
	MD		(Psi)	21400	21400	19900
	TD			27000	27000	27000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	120	130
	TD			75	80	85
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	35	30
			(gm/100 in²/day)	2.9	2.3	2.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130	90	80
			(cc/100 in²/day)	8.5	5.8	5.2

# 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

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## Selexible

Manufacturing Facilities at No. 16  
 Fengxiang Rd, Wujin District,  
 Changzhou City, Jiangsu, China  
 ✉ sale@selexible.cn  
 www.selexibleplastic.com