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

**APPLICATION:**
- Thermal lamination
- Label application
- Conversion application
- Board lamination

**FILM STRUCTURE**

**PROPERTY** | **TEST METHOD** | **UNIT** | **TYPICAL VALUES**
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THICKNESS | Internal | Micron | 12 | 19 | 23
YIELD | Internal | (Gauge) | 48 | 76 | 92
SURFACE TENSION (min) | ASTM D-2578 | dyne/cm | 59.52 | 37.59 | 31.05
COF (max) | ASTM D-1894 | - | 41934 | 26483 | 21876
HAZE (min) | ASTM D-1003 | % | 70 | 75 | 85
GLOSS AT 45° angle | ASTM D-2457 | - | 28 | 26 | 25
TENSILE STRENGTH AT BREAK (min) | ASTM D-882 | kg/cm² | 1500 | 1500 | 1400
| | | (Psi) | 1900 | 1900 | 1900
| | | | 21400 | 21400 | 19900
| | | | 27000 | 27000 | 27000
ELONGATION AT BREAK (min) | ASTM D-882 | % | 110 | 120 | 130
| | | | 75 | 80 | 85
LINEAR SHRINKAGE (max) | ASTM D-1204 | % | 3.0 | 1.0
(30 Minute at 150°C) | | | | |
W.U.R. (38°C & 90% RH) (typical) | ASTM F-1249 | gm/m²/day | 6.5 | 3.5 | 3.0
| | | (gms/100 in²/day) | 2.9 | 2.3 | 2.0
| | | | 8.5 | 5.8 | 5.2

**STORAGE & HANDLING**

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

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