

# FILM SPECIFICATIONS

## THIN GAUGE CLEAR MATTE — Rollstock Only

DESCRIPTION

This film is ideal for snack packs and other vertical FFS applications. It processes easily and has a durable seal for transport.

Clear film can create transparent product windows and/or translucent color effects in printed artwork.

Matte finish has low shine, and colors in printed artwork may be slightly muted. Matte clear film will give product windows a “frosted glass”-like effect.

**Evaluation and fitness-for-use is the sole responsibility of the customer.**

STRUCTURE

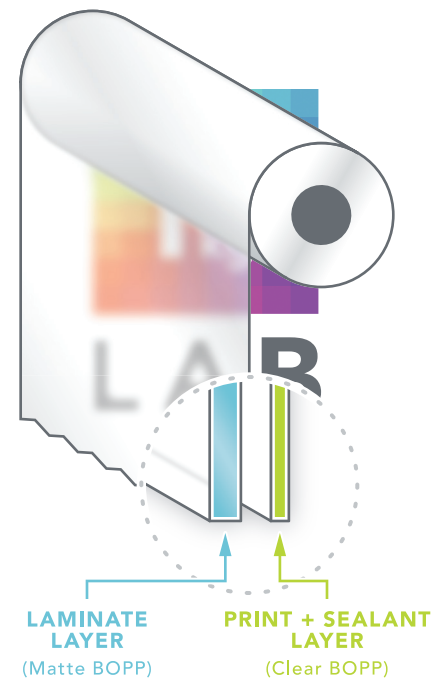
Composite: 2.0mil 2-layer laminated film

Laminate (Exterior) Layer: 1.3mil matte BOPP (Biaxially-Oriented Polypropylene)

Print + Sealant (Interior) Layer: 70ga clear BOPP

FEATURES

- High clarity with good seal strength
- All materials comply with FDA direct food contact regulations  
(BOPP: 21 C.F.R. § 177.1520)
- BOPP provides strong seal-to-self fusion with low activation temperature
- BOPP has slip additive for reduced friction on packaging equipment



TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TESTING STANDARD(S)
Total Average Thickness (Composite)	2.0 mil	GB/T 6672 (Laminate layer) Calculated (Print + sealant layer)
Thickness Tolerance	±10 %	
Yield (Composite)	18,406 in <sup>2</sup> /lb	
COF (Coefficient of Friction)	≤0.4 (Laminate/exterior surface) ≤0.25 (Sealant/interior surface)	ASTM D1894
Haze (Laminate layer)	≥70 %	ASTM D1003
Gloss (45°, laminate layer)	≤8 %	GB/T 8807
Seal/Application Temp. (Print + sealant layer)	200–285 °F 95–140 °C	
Seal Strength (Self-to-self, print + sealant layer)	≥1.1 lb/in	
OTR (Oxygen Transmission Rate)	N/A	
WVTR (Water Vapor Transmission Rate)	≤0.49 g/100 in <sup>2</sup> /24 hr	ASTM F1249
Film Shelf Life	12 mo from delivery	
Storage Temperature Range	50–80 °F 10–26 °C	
Storage Humidity Range	30–70 %	

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