



# FILM SPECIFICATIONS

THIN CLEAR + GLOSS — 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.

Gloss finish has high shine, and minimal color distortion of printed artwork. Gloss clear film will give product windows a clear view inside.

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

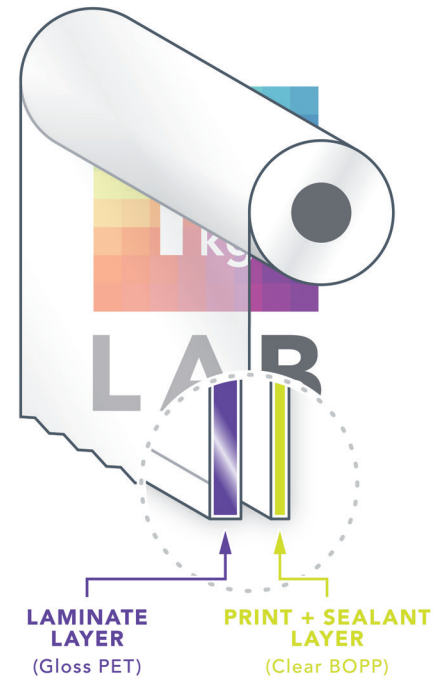
STRUCTURE

Composite: 1.9mil 2-layer laminated film

- Laminate (Exterior) Layer: 1.2mil gloss PET (Polyethylene Terephthalate)
- Print + Sealant (Interior) Layer: 70ga clear BOPP (Biaxially-Oriented Polypropylene)

FEATURES

- High clarity with good seal strength
- All materials comply with FDA direct food contact regulations  
(PET: 21 C.F.R. § 177.1630, 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 Avg. Thickness (Composite, calculated)	1.9 mil (≈ 48.3 microns)	GB/T 6672 (Laminate layer) Calculated (Print + sealant layer)
Thickness Tolerance	±10 %	
Yield (Composite)	14,986 in <sup>2</sup> /lb	
COF (Coefficient of Friction)	≤0.5 (Laminate/exterior surface) ≤0.25 (Sealant/interior surface)	ASTM D1894
Haze (Laminate layer)	≤10 %	ASTM D1003
Gloss (Laminate layer, 45°)	≥70 %	GB/T 8807
Seal/Application Temp. (Print + sealant layer)	200–285 °F 95–140 °C	
Seal Strength (Print + sealant layer, self-to-self)	≥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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