



FILM SPECIFICATIONS

THIN METALLIZED + 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.

Metallized film will create a metallic silver package interior, and can also create metallic color effects in printed artwork.

Gloss finish has high shine, and minimal color distortion of printed artwork. Gloss metallized film will give metallic artwork a “polished metal”-like finish.

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

STRUCTURE

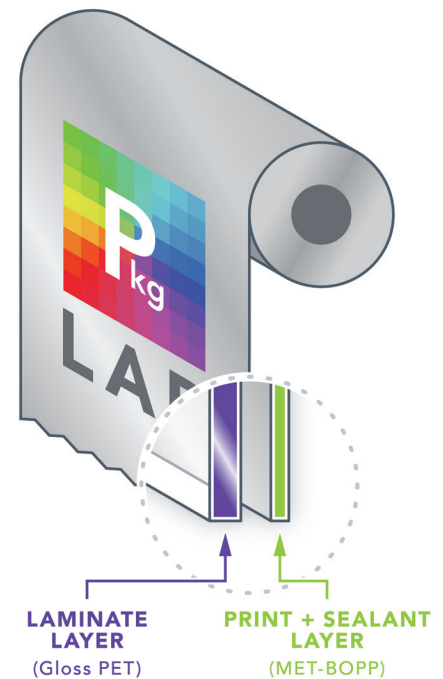
Composite: 1.9mil 2-layer laminated film

Laminate (Exterior) Layer: 1.2mil gloss PET (Polyethylene Terephthalate)

Print + Sealant (Interior) Layer: 70ga MET-BOPP (Metallized Biaxially-Oriented Polypropylene)

FEATURES

- Good oxygen/moisture barrier and 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 Average Thickness (Composite) | 1.9 mil | GB/T 6672 (Laminate layer) Calculated (Print + sealant layer) |
| Thickness Tolerance | ±10 % | |
| Yield (Composite) | 14,711 in ² /lb | |
| COF (Coefficient of Friction) | ≤0.5 (Laminate/exterior surface) ≤0.4 (Sealant/interior surface) | ASTM D1894 |
| Haze (Laminate layer) | ≤10 % | ASTM D1003 |
| Gloss (45°, laminate layer) | ≥70 % | GB/T 8807 |
| Seal/Application Temperature (Sealant layer) | 200–285 °F 95–140 °C | |
| Seal Strength (Self-to-self, sealant layer) | ≥0.93 lb/in | |
| OTR (Oxygen Transmission Rate) | ≤1.93 cm ³ /100 in ² /24 hr | ASTM D3985 |
| WVTR (Water Vapor Transmission Rate) | ≤0.02 g/100 in ² /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 % | |

Thin Metallized + Gloss Spec Sheet v3.2 — Aug 2023

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