

BOPP Film Buyer Guide

A concise guide to selecting BOPP film for labels, lamination and flexible packaging.

PURPOSE

BOPP is frequently chosen when a project needs good clarity, stiffness, moisture resistance or a dependable printable surface. This guide helps turn the application into a usable purchasing brief.

TYPICAL SOURCING REFERENCE

Planning item	Typical market range or option	Buyer confirmation
Film thickness	12 to 60 microns	Choose against yield, stiffness and downstream structure.
Usable width	200 to 1,800 mm	Confirm trim allowance and converting-machine width.
Core inside diameter	76 mm or 152 mm	Match the unwind system.
Roll outer diameter	Commonly 400 to 1,000 mm	Confirm safe handling and max OD.
Common finishes	Clear, matte, white, pearlized, heat-sealable or coated	State whether the film is for labels, printing, lamination or overwrap.
Surface energy	Common print/lamination requests: 38 to 42 dynes/cm	Confirm treated side and test method.

Application questions to settle first

- Will the BOPP be reverse printed, surface printed, laminated, heat sealed or used as a label face stock?
- What product environment matters most: dry goods, chilled distribution, oil contact, scuffing, high-speed packing or shelf display?
- Does the machine require a particular COF, winding direction, splice rule or roll profile?

Sourcing planning

- A commonly discussed first-order planning range is 1,000 to 3,000 kg per construction, with planning lead times often discussed at 15 to 30 days after specifications are confirmed.
- These are market planning ranges only. A quotation depends on structure, quantity, width mix, destination, packing and production schedule.

IMPORTANT

BOPP selection should be validated on the intended print, laminate or packing line. Final values and commercial terms are confirmed on the approved grade and order specification.

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