

PET Film Specification Sheet

Typical planning ranges for polyester film sourcing and conversion discussions.

PURPOSE

This sheet is a planning reference for clear, treated or specialty PET film. It is intended to make initial discussions more precise, not to replace an approved technical data sheet for a specific grade.

TYPICAL SOURCING REFERENCE

Planning item	Typical market range or option	Buyer confirmation
Film thickness	12 to 250 microns	Select based on stiffness, yield, print and laminate structure.
Usable width	200 to 1,600 mm	Confirm trim, roll direction and converting machine limits.
Core inside diameter	76 mm or 152 mm	Match unwind shaft and handling equipment.
Roll outer diameter	Commonly 400 to 1,000 mm	Confirm maximum safe OD and roll weight.
Surface options	Plain, one-side treated, both-side treated, matte, white or coated grades	Specify print, lamination, coating or insulation use.
Surface energy	Common print/lamination requests: 38 to 42 dynes/cm	Verify the required test method and treated side.

Common buyer checks

- Film clarity, haze, gloss and thickness consistency should be linked to the intended package appearance and process speed.
- For printed or laminated structures, identify the treated side, ink system, adhesive system and downstream seal layer.
- For food or regulated applications, ask for the documents required by the destination market and confirm the final construction before production.

Sample request notes

- Send the target width, thickness, intended application and a reference sample when available.
- Evaluate samples on the actual converting or packing line before committing to recurring supply.

IMPORTANT

Ranges above are typical sourcing references. Grade availability, tolerances, roll build and performance values depend on the selected PET film construction and approved sample.

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