

Thermal Paper Jumbo Roll Checklist

A buyer worksheet for receipt paper and labelstock converting projects.

PURPOSE

Thermal paper procurement is easier when the converter specifies the printer, storage conditions, coating preference and roll geometry at the beginning. This checklist supports clearer sampling and quotation comparisons.

TYPICAL SOURCING REFERENCE

Planning item	Typical market range or option	Buyer confirmation
Basis weight	48 to 80 gsm	Match printer performance, opacity and finished-roll requirement.
Jumbo roll width	400 to 1,650 mm	Confirm slitter width and finished-roll layout.
Core inside diameter	76 mm or 152 mm	Match rewinding and handling equipment.
Roll outer diameter	Commonly 500 to 1,200 mm	Confirm safe lifting and unwind capacity.
Thermal grade	Top-coated, standard, long-life or application-specific grade	State printer head, image-life expectation and handling conditions.
Substance request	BPA/BPS-free or phenol-free requests may be specified by grade	Confirm destination and buyer policy before selecting a grade.

Operational information to include

- Printer type, print speed, expected image life, contact with oils/plasticizers and storage temperature or humidity.
- Finished roll width/length, core size, pack count, wrapper requirement and carton marking.
- Required documents, including technical sheet, COA format and any destination-specific declarations.

Sample evaluation

- Run a sample on the intended printer and rewinder. Check print darkness, background, curl, dust, coating abrasion and roll winding.
- Keep a retained sample and define the inspection method before the recurring supply program begins.

IMPORTANT

Thermal paper performance depends on the selected coating system, storage and end-use conditions. Confirm the approved grade, documentation and final roll geometry before production.

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