

Substrates for Printing Metallograph[®] Conductive Thermal Transfer Ribbon

Metallograph™ Conductive Thermal Transfer Ribbons print best on smooth print receptive substrates, especially those intended for premium durable thermal transfer labels. Suitable substrates (facestocks on label stocks) are nearly all coated with an image receptive formulation and typically are glossy. They include polyester, polyimide, polycarbonate, polypropylene and specialty papers specifically intended for thermal transfer.

The items in the table below have been evaluated for performance with Metallograph[®] ribbons. Other substrate manufacturers have similar products which are expected to be functional as well. Nevertheless print quality may vary between printers, so testing is recommended before major activity.

Vendor	Suggested Receivers
FLEXcon	ThermIFilm™ 21940 (TC390 Print Receptor) Polyester Labelstock ThermIFilm™ PP230 Polyester Labelstock FLEXmark® 200 FLX000037 Clear PET
UPM Raflatac	TransferGloss® Plus Paper Labelstock TT92A* Raflagloss® Paper Labelstock PL27D*
DuPont	Melinex® White Polyester Films 339 & ST 339, Melinex® Clear Polyester Films 504 and ST 504, 506 & ST 506, S23, XST693 Mylar® Clear Polyester Film 822
Polyonics	XF-550 Gloss White Polyimide Labelstock XF-552 Clear Yellow Polyimide Labelstock
Sihl	PicoFilm™ P-50 Gloss Coated White Polyester Films PicoFilm™ 150 Matte Coated White Polyester
Coveme (Insulectro)	Coveme HSPL 100 Acid Etched Polyester
Gerber Technologies	Gerber EDGE READY Clear & White PET Label Stock Gerber LexEdge Polycarbonate Film
Graphic Marking Systems	Armalex™ 10 mil Polycarbonate Film, 5 mil heat stable PET Authorized Gerber substrate dealer
Hop Industries	Hop-Syn DL Print Receptive Polyolefin
Yupo	Print Receptive BOPP FPG150 Film

* Paper print quality is humidity dependent – best at ≥ 45% RH

Substrate evaluation is ongoing. Contact Metallograph Tech for additional information or with questions.

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