



Approved UL Thermal Transfer Ribbons for Commerce Label Inc. (MH25229)

*** For a complete listing of UL approved Thermal Transfer Ribbons click **UL** symbol

PGJ2 Approvals

Approvals cover labels that are intended to receive additional printing by the end-use product manufacturer, using approved imprinting methods.

Ribbon Description	Characteristics	Applications	Recommended Substrates	Commerce Label Approvals
R - 300 General Purpose Resin	Diverse and adaptable resin, abrasion and solvent resistant	UL/CSA, asset tracking, automotive, chemical drum, electric components, flexible packaging, hazardous, outdoor, pharmaceutical, product ID, shelf.	Polypropylene, polyethylene, polyolefin, vinyl, polyester	CL-1500, CL-2000, CL-2500, CL-3000, CL-4000, CL-1001, CLJ-100, CLJ-200, CLJ-300, CLJ-400, CLJ-500
R - 510 Ultra Durable Resin	High durability resin for extreme environmental labeling, scratch and solvent resistance. Crisp definition for bar coding.	UL/CSA, asset tracking, automotive, chemical drum, electric components, flexible packaging, hazardous, outdoor, circuit board, extreme environment, healthcare, security	Top-coated vinyl, polyimide, polyesters, PVD cards, PET cards,	CL-1500, CL-2000, CL-2500, CL-3000, CL-4000, CL-1001, CLJ-400, CLJ-500,
R - 4070 Classic Resin	Durable, scratch resistant on pre-printed or treated surfaces, Halogen-free, meets FDA requirements for direct food contact applications.	UL/CSA, asset tracking, automotive, chemical drum hazardous, electric components, circuit boards, healthcare, pharmaceutical, security, shelf	Top-coated vinyl, polyimide, polyesters	CL-1500, CL-2000, CL-2500, CL-3000, CL-4000, CL1001, CLJ-100, CLJ-200, CLJ-300, CLJ-400 CLJ-500, CLJ-700, CLJ-800, CLJ-900
R - 316 Heat Resistant Resin	Environment temperature conditions up to 220° (428°F), coated and synthetic paper substrates, bar coding	UL/CSA, circuit board, healthcare, horticulture, medical devices, outdoor, pharmaceutical, shrink wrap	Coated and synthetic papers, polypropylene, polyolefin, Kimdura, Valeron, Polyart, Krome-Kote, Matt Kapton	CL-1500, CL-2500, CL-1001
TRX- 55 Premium Wax/Resin	Wax/Resin formulation, smearing and chemical resistance, crisp print for bar coding, halogen free	UL/CSA, automotive, flexible packaging, general, healthcare, inventory, outdoor, retail, shelf, shipping, textile	Coated/uncoated tags, gloss paper, polypropylene, coated/uncoated papers polyethylene, polyolefin, top-coated vinyl, polystyrene, Tyvek, Tyvek Brillion	CLJ-400, CLJ-500, CLJ-990
TR – 3370 High Opacity White Resin	Formulated for PVC shrink tubing, resistant to ethanol and isopropanol, prints well on black, silver and clear substrates	UL/CSA, color, electronic components, flexible packaging, retail, shelf, signage, snack food	PVC shrink tubing, matt/gloss silver polyester, chrome polyester, clear polyester	CL-2500, CL-3000, CLJ-500