

THERMAL TRANSFER RIBBON

Product Reference Guide

	Flat-head wax			Flat-head wax resin			Near-edge wax resin				Flat-head resin														Near-edge resin					
	MP Wax Standard wax	TR4085Plus® Resin enhanced wax	TR3021, TR3022, TR3023 General purpose colour wax	TR5080 Specialty wax resin	M255 Premium wax resin	M265 Ultra durable wax resin	M295HD High density wax resin	M295HD 4.0 X-tra Long high density print-on	TR4500 Premium wax/resin	M295C Colour wax resin	V300 Versatility Defined resin	R300 General purpose resin	R316 Heat resistant resin	R510 (HF) Ultra durable resin	R550 Extremely durable resin	TR7541 Boiling resistant resin (also NE)	R300 Red General purpose colour resin	R410D-White Ultra opaque white resin	R510C Ultra durable colour resin	R510W Durable white resin	TR3370 High opacity white resin	VR301 Durable metallic colour resin	R395 Textile resin	UV black resin	Hologram resin	Scratch-off resin	V390 Versatility Defined resin	R390 General purpose resin	R396 High speed durable resin	
Paper																														
Uncoated / vellum	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓																✓		
Coated paper	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓									✓			✓	✓	✓
Glossy paper	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓									✓			✓	✓	✓
Synthetic		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓									✓			✓	✓	✓
(UV) Varnished		✓		✓	✓	✓			✓	✓	✓	✓															✓			✓
Economic Synthetics																														
Polypropylene	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Polystyrene		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Polyethylene	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Polyester	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Polyimide							✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Vinyl (Top-coated)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Specialty Synthetics																														
PVC (Shrink tube)		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Polyart	✓	✓		✓	✓	✓		✓		✓	✓	✓		✓	✓	✓												✓	✓	✓
Tyvek®		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓											✓							
Tyvek® brillion		✓	✓	✓	✓			✓	✓	✓	✓	✓											✓							
Teslin®		✓	✓		✓		✓	✓	✓	✓	✓	✓											✓							
Textile		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓			✓							
Resistance Scale: 1 = basic, 2 = moderate, 3 = good, 4 = excellent, 5 = outstanding																														
Abrasion	2	3	2	3	3	4	3	4	3	3	4	5	3	5	5	2	5	4	4	4	3	5	4	4	5	1	3	5	4	
Heat	2	2	2	2	2	3	2	2	2	2	3	3	4	4	5	4	3	4	4	4	3	5	3	3	4	2	4	3	3	
Chemicals	1	2	1	2	4	3	3	3	2	3	4	4	4	5	5	3	4	3	4	3	3	5	4	4	5	2	3	4	3	
Max speed* (IPS)	8	12	12	12	17	12	32	36	12	20	18	12	10	8	8	10	12	6	8	8	8	8	8	6	4	28	12	26		

*Resistance and max speed depends on printer, substrate and printer settings.

This overview is based on the most commonly used substrate materials. For a more indept list of substrates vs ribbon compatibility, please check the Thermal Transfer Ribbon Finder tool on our website.