



Thermal Transfer Ribbon Matrix

The following recommendations are made by the ribbon manufacturer in conjunction with the facestock listed. These products are designed for thermal transfer, but the product / ribbon match should be tested for each application condition.

Paper Facestocks	DNP				IIMAK				ITW Thermal Films				Arm or			
	Wax	Wax/Resin	Resin	Near Edge	Wax	Wax/Resin	Resin	Near Edge	Wax	Wax/Resin	Resin	Near Edge	Wax	Wax/Resin	Resin	Near Edge
45# CTT	TR4085plus MP Wax	TRX-55 M260	NR	TR4500	SW200, GP725 HighMark	PM308	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, D321	Resin-P310 Wax/Res-B112	AWR 1 AWR 8	APR 6 AWX FH APX FH+	NR	N/A
48# CTT	TR4085plus MP Wax	TRX-50 TRX-55 M260	NR	TR4500	SW200, GP725 HighMark	PM308	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, D321	Resin-P310 Wax/Res-B112	AWR 1 AWR 8	APR 6 AWX FH APX FH+	AXR 1 AXR 7+	N/A
44# CTT	TR4085plus MP Wax	TRX-55 M260	NR	TR4500	SW200, GP725	PM308	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, D321	Resin-P310 Wax/Res-B112	AWR 1 AWR 8	APR 6 AWX FH APX FH+	NR	N/A
55# CTT	TR4085plus MP Wax	TRX-50 TRX-55 M260	R316	TR4500	SW200, GP725 HighMark	PM308	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, D321	Resin-P310 Wax/Res-B112	AWR 1 AWR 8	APR 6 AWX FH APX FH+	AXR 1 AXR 7+	N/A
Veero™ 44# CTT	TR4085plus MP Wax	TRX-55 M260	NR	TR4500	SW200, GP725 HighMark	PM308	NR	N/A	B220	B121, B128 B120	B324, B325 D321	Resin-P310 Wax/Res-B112	AWR 1 AWR 8	APR 6 AWX FH APX FH+	AXR 1 AXR 7+	N/A
Veero™ 47# CTT	TR4085plus MP Wax	TRX-55 M260	NR	TR4500	SW200, GP725 HighMark	PM308	NR	N/A	B220	B121, B128 B120	B324, B325 D321	Resin-P310 Wax/Res-B112	AWR 1 AWR 8	APR 6 AWX FH APX FH+	AXR 1 AXR 7+	N/A

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Film Facestocks	DNP				IIMAK				ITW Thermal Films				Armor			
	Wax	Wax/Resin	Resin	Near Edge	Wax	Wax/Resin	Resin	Near Edge	Wax	Wax/Resin	Resin	Near Edge	Wax	Wax/Resin	Resin	Near Edge
2.4m White Pearlized BOPP	NR	N/A	R300 R510HF R316	NR	NR	SP575	SP330	N/A	NR	NR	B324, B324R B325, B813 B814, D321	Resin-P310 Wax/res-NR	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
2.6mil White Pearlized BOPP	NR	M295hd	R300 R396	NR	NR	SP575	SP330	N/A	NR	NR	B324, B324R B325, B813 B814, D321	N/A	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
2.6mil White Pearlized BOPP COVER	NR	M295hd	R300 R396	NR	NR	SP575	SP330	N/A	NR	NR	B324, B324R B325, B813 B814, D321	N/A	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
3mil TC Matte White Polypropylene	TR4085plus MP Wax	TRX-50 TRX-55 M260	R300 R316	TR4500	SW220, GP725 HighMark	PM308, PrimeMark	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
4mil TC Matte White Polypropylene	TR4085plus MP Wax	TRX-50 TRX-55 M260	R300 R316	TR4500	SW220, GP725 HighMark	PM308, PrimeMark	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
3.3mil Durable Polypropylene	TR4085plus MP Wax	TRX-50	R300 R316	TR4500	NR	PM308, PrimeMark	SP330	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
PrimeScan®	TR4085plus MP Wax	TRX-50 TRX-55 M260	R300 R316	TR4500	NR	PM308, PrimeMark	SP330	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
PrimeScan® COVER	TR4085plus MP Wax	TRX-50 TRX-55 M260	R300 R316	TR4500	NR	PM308, PrimeMark	SP330	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
PrimeScan® 90	TR4085plus MP Wax	TRX-50 TRX-55 M260	R300 R316	TR4500	NR	PM308, PrimeMark	SP330	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
Kimdura® 70	TR4085plus MP Wax	TRX-50 TRX-55 M260	R316	TR4500	SW220, GP725 HighMark	PM308, PrimeMark	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
Smudgeproof Kimdura® FPG-80	TR4085plus MP Wax	TRX-50 TRX-55 M260	R316	TR4500	SW220, GP725 HighMark	PM308, PrimeMark	NR	N/A	B220	B121, B128 B120, B120R	B324, B324R B325, B814 D321	Resin-P310 Wax/Res-B112	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
2mil TC Gloss White Polyester 50#	NR	NR	R300 R510HF	R390	NR	PrimeMark	SP330	N/A	NR	B128	B324, B324R B325, B813 B814, D321	Resin-P310 Wax/Res-B112	AWR 1, AWR 8 AWX FH	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
2mil TC Gloss Clear Polyester	NR	NR	R300 R510HF	NR	NR	PrimeMark	SP330	N/A	NR	B128, B120 B120R	B324, B324R B325, B813 B814, D321	Resin-P310 Wax/Res-B112	NR	AWX FH APX FH APR 6	AXR 1, AXR 7+ AXR 8 AXR 9	N/A
2.5m TC Matte White Laser Polyester	NR	NR	TR4070 R510HF R300	R390	NR	NR	SP330	N/A	NR	B121, B128	B324, B325 B814	Resin-P310 Wax/Res-B112	NR	AWX FH APX FH APR 6	AXR 7+ AXR 8 AXR 9	N/A