

PM4i

Printer Heat Settings

200 dpi

North America

Direct Thermal Media

	Heat Setting			Max Rec Print Speed (mm per second / inches per second)	
	Fingerprint		IPL	Picket	Ladder
	Constant	Factor	Sensitivity		
Duratherm II	95	40	180	300 / 12	300 / 12
Duratherm III	95	40	180	300 / 12	300 / 12
Duratherm II Tag	112	40	160	250 / 10	250 / 10
Duratherm Lightning	90	40	470	300 / 12	300 / 12
Duratherm IR	82	40	450	300 / 12	250 / 10

Thermal Transfer Media

	Heat Setting			Max Rec Print Speed (mm per second / inches per second)		
	Fingerprint		IPL	Picket	Ladder	
	Constant	Factor	Sensitivity			
TMX1500	Duratran II	64	25	563	200 / 8	200 / 8
	Syntran	65	25	673	200 / 8	200 / 8
	Kimdura	73	25	623	200 / 8	200 / 8
	Valeron Tag	80	25	683	200 / 8	200 / 8
	Duratran II Tag	74	25	523	200 / 8	200 / 8
TMX2200	Duratran II	65	25	567	200 / 8	200 / 8
	Syntran	65	25	677	200 / 8	200 / 8
	Kimdura	80	25	627	200 / 8	200 / 8
	Valeron Tag	83	25	687	200 / 8	200 / 8
	Duratran II Tag	79	25	527	200 / 8	200 / 8
TMX3202	Gloss Polyester	90	30	366	225 / 9	150 / 6



PM4i

Printer Heat Settings

300 dpi

North America

Direct Thermal Media

	Heat Setting			Max Rec Print Speed (mm per second / inches per second)	
	Constant	Factor	Sensitivity	Picket	Ladder
Duratherm II	95	40	180	300 / 12	300 / 12
Duratherm II Tag	112	40	160	300 / 12	300 / 12
Duratherm III	95	40	180	300 / 12	300 / 12
Duratherm III Lightning	90	40	470	300 / 12	300 / 12
Duratherm III IR	82	40	450	300 / 12	250 / 10

Thermal Transfer Media

	Heat Setting			Max Rec Print Speed (mm per second / inches per second)		
	Constant	Factor	Sensitivity	Picket	Ladder	
TMX1500	Duratran II	65	25	563	200 / 8	200 / 8
	Syntran	65	25	673	200 / 8	200 / 8
	Kimdura	76	25	623	200 / 8	200 / 8
	Valeron Tag	80	25	683	150 / 6	150 / 6
	Duratran II Tag	74	25	523	200 / 8	200 / 8
TMX2200	Duratran II	65	25	567	200 / 8	200 / 8
	Syntran	65	25	677	200 / 8	200 / 8
	Kimdura	80	25	627	200 / 8	200 / 8
	Valeron Tag	84	25	687	200 / 8	200 / 8
	Duratran II Tag	79	25	527	200 / 8	200 / 8
TMX3202	Gloss Polyester	90	30	366	225 / 9	150 / 6



PM4i

Printer Heat Settings

400 dpi

North America

Direct Thermal Media

	Heat Setting			Max Rec Print Speed	
	Constant	Factor	IPL	(mm per second / inches per second)	
Duratherm II	90	50	180	200 / 8	200 / 8
Duratherm II Tag	92	50	180	100 / 4	100 / 4
Duratherm III	92	50	180	200 / 8	200 / 8
Duratherm III Lightning	90	40	420	200 / 8	200 / 8
Duratherm III IR	83	40	450	200 / 8	200 / 8
Duratherm III Synthetic	87	50	430	200 / 8	200 / 8

Thermal Transfer Media

	Heat Setting			Max Rec Print Speed	
	Constant	Factor	IPL	(mm per second / inches per second)	
TMX1500 Duratran II	68	25	563	200 / 8	200 / 8
Syntran	72	25	673	200 / 8	200 / 8
Kimdura	80	25	623	200 / 8	200 / 8
Valeron Tag	83	25	683	200 / 8	200 / 8
Duratran II Tag	84	25	523	200 / 8	200 / 8
Synthetic Tag	83	25	683	200 / 8	200 / 8
Matte Polyester	83	25	683	200 / 8	100 / 4
TMX2200 Duratran II	68	25	567	200 / 8	200 / 8
Syntran	55	25	677	200 / 8	150 / 6
Kimdura	80	25	627	200 / 8	150 / 6
Valeron Tag	83	25	687	200 / 8	200 / 8
Duratran II Tag	84	25	527	100 / 4	100 / 4
Synthetic Tag	83	25	687	200 / 8	150 / 6
Matte Polyester	83	25	687	150 / 4	200 / 8
TMX3202 Gloss Polyester	85	30	366	200 / 8	200 / 8

The above settings represent guidelines for general printing conditions. Some formats will require adjustment of the heat setting and/or print speed to properly image.

The maximum recommended print speed is a condition of the Intermec print head replacement program. Failure to adhere to these recommendations may nullify the print head warranty.

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