# PX4i

## Printer Heat Settings

200 dpi

North America

### Direct Thermal Media

| | Heat Setting Fingerprint | | IPL | Max Rec Print Speed (mm per second / inches per second) | |
|---|---|---|---|---|---|
| | Constant | Factor | Sensitivity | Picket | Ladder |
| Duratherm II | 85 | 40 | 180 | 300 / 12 | 300 / 12 |
| Duratherm III | 86 | 40 | 180 | 300 / 12 | 300 / 12 |
| Duratherm II Tag | 68 | 40 | 160 | 250 / 10 | 250 / 10 |
| Duratherm Lightning | 62 | 40 | 470 | 300 / 12 | 300 / 12 |
| Duratherm IR | 65 | 40 | 450 | 300 / 12 | 250 / 10 |

### Thermal Transfer Media

| | | Heat Setting Fingerprint | | IPL | Max Rec Print Speed (mm per second / inches per second) | |
|---|---|---|---|---|---|---|
| | | Constant | Factor | Sensitivity | Picket | Ladder |
| **TMX1500** | Duratran II | 53 | 25 | 563 | 200 / 8 | 200 / 8 |
| | Syntran | 64 | 25 | 673 | 200 / 8 | 200 / 8 |
| | Kimdura | 64 | 25 | 623 | 200 / 8 | 200 / 8 |
| | Duratran II Tag | 57 | 25 | 523 | 200 / 8 | 200 / 8 |
| **TMX2200** | Duratran II | 63 | 25 | 567 | 200 / 8 | 200 / 8 |
| | Syntran | 66 | 25 | 677 | 200 / 8 | 200 / 8 |
| | Kimdura | 78 | 25 | 627 | 200 / 8 | 200 / 8 |
| | Valeron Tag | 79 | 25 | 687 | 200 / 8 | 200 / 8 |
| | Duratran II Tag | 64 | 25 | 527 | 200 / 8 | 200 / 8 |
| **TMX3202** | Duratran II Gloss Polyester | 93 | 30 | 366 | 225 / 9 | 150 / 6 |

Intermec

# PX4i

## Printer Heat Settings

300 dpi

North America

### Direct Thermal Media

| | Heat Setting Fingerprint | | IPL | Max Rec Print Speed (mm per second / inches per second) | |
|---|---|---|---|---|---|
| | Constant | Factor | Sensitivity | Picket | Ladder |
| Duratherm II | 86 | 40 | 180 | 300 / 12 | 300 / 12 |
| Duratherm II Tag | 68 | 40 | 160 | 300 / 12 | 300 / 12 |
| Duratherm III | 88 | 40 | 180 | 300 / 12 | 300 / 12 |
| Duratherm III Lightning | 69 | 40 | 470 | 300 / 12 | 300 / 12 |
| Duratherm III IR | 75 | 40 | 450 | 300 / 12 | 250 / 10 |

### Thermal Transfer Media

| | | Heat Setting Fingerprint | | IPL | Max Rec Print Speed (mm per second / inches per second) | |
|---|---|---|---|---|---|---|
| | | Constant | Factor | Sensitivity | Picket | Ladder |
| **TMX1500** | Duratran II | 55 | 25 | 563 | 200 / 8 | 200 / 8 |
| | Syntran | 52 | 25 | 673 | 200 / 8 | 200 / 8 |
| | Kimdura | 64 | 25 | 623 | 200 / 8 | 200 / 8 |
| | Duratran II Tag | 61 | 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 | 73 | 25 | 627 | 200 / 8 | 200 / 8 |
| | Valeron Tag | 80 | 25 | 687 | 200 / 8 | 200 / 8 |
| | Duratran II Tag | 66 | 25 | 527 | 200 / 8 | 200 / 8 |
| **TMX3202** | Duratran II Gloss Polyester | 87 | 30 | 366 | 225 / 9 | 150 / 6 |

Intermec

# PX4i

## Printer Heat Settings

400 dpi

North America

### Direct Thermal Media

| | Heat Setting Fingerprint | | IPL | Max Rec Print Speed (mm per second / inches per second) | |
|---|---|---|---|---|---|
| | Constant | Factor | Sensitivity | Picket | Ladder |
| Duratherm II | 78 | 40 | 180 | 250 / 10 | 250 / 10 |
| Duratherm II Tag | 78 | 40 | 180 | 250 / 10 | 250 / 10 |
| Duratherm III | 78 | 40 | 180 | 250 / 10 | 200 / 8 |
| Duratherm III Lightning | 70 | 40 | 470 | 250 / 10 | 250 / 10 |
| Duratherm III IR | 73 | 40 | 450 | 250 / 10 | 250 / 10 |
| Duratherm III Synthetic | 115 | 50 | 430 | 250 / 10 | 250 / 10 |

### Thermal Transfer Media

| | | Heat Setting Fingerprint | | IPL | Max Rec Print Speed (mm per second / inches per second) | |
|---|---|---|---|---|---|---|
| | | Constant | Factor | Sensitivity | Picket | Ladder |
| **TMX1500** | Duratran II | 51 | 25 | 563 | 250 / 10 | 250 / 10 |
| | Syntran | 52 | 25 | 673 | 250 / 10 | 250 / 10 |
| | Kimdura | 63 | 25 | 623 | 250 / 10 | 250 / 10 |
| | Valeron Tag | 55 | 25 | 683 | 250 / 10 | 250 / 10 |
| | Duratran II Tag | 56 | 25 | 523 | 250 / 10 | 250 / 10 |
| | Synthetic Tag | 55 | 25 | 683 | 250 / 10 | 250 / 10 |
| | Matte Polyester | 55 | 25 | 683 | 250 / 10 | 250 / 10 |
| **TMX2200** | Duratran II | 55 | 25 | 567 | 250 / 10 | 250 / 10 |
| | Syntran | 52 | 25 | 677 | 250 / 10 | 250 / 10 |
| | Kimdura | 69 | 25 | 627 | 250 / 10 | 250 / 10 |
| | Valeron Tag | 55 | 25 | 687 | 250 / 10 | 250 / 10 |
| | Duratran II Tag | 60 | 25 | 527 | 250 / 10 | 250 / 10 |
| | Synthetic Tag | 55 | 25 | 687 | 250 / 10 | 250 / 10 |
| | Matte Polyester | 55 | 25 | 687 | 200 / 8 | 250 / 10 |
| **TMX3202** | Duratran II Gloss Polyester | 65 | 30 | 366 | 250 / 10 | 250 / 10 |

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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