

IQSOLUTIONS

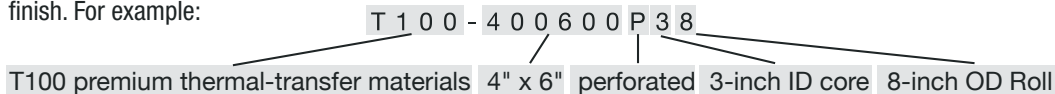
(ai-'kju-suh-loo-shuhn) noun — an intelligence quotient approach to problem solving



Your Business will Benefit by using Datamax-IQ Label and Ribbon Solutions

Efficiency is the key to **increasing profit margins** and productivity in today's marketplace. When you are in an industry where tracking every detail is absolutely necessary, you need to find an **efficient** and **reliable** labeling **system** to ensure you are in control of your business. Thermal labeling and barcode printing systems are essential in managing accurate information for industries like healthcare, food distribution, event ticketing, and manufacturing. Not all barcode printing supplies are created equal. Our quality barcode printing supplies will keep your business running smoothly and accurately. Make sure you're in control with Datamax-IQ labeling solutions.

- Datamax IQ Label and Ribbon Solutions are engineered and tested through Datamax printers for optimal printer performance, so you know you're making the safe choice.
- The Datamax IQ label rolls have more labels per roll than most standard rolls in the industry, allowing maximum capacity and output through your printer with fewer roll changes.
- Thicker-walled label cores enable quick changeover from roll to roll as well as smooth operation throughout the roll.
- The smart, part-numbering system is as easy as 1-2-3, so you always know exactly what you're going to get from start to finish. For example:



Thermal transfer printing using "old" style lengths of labels & ribbons

- The "old" style ribbons only print 97.7% of the 4" x 6" rolls at 1000 labels per roll
- The operator will shut down the printer 143 times to print 100 rolls of labels
- By shutting down the printer 143 times, you lose 12 hours of productivity

Thermal transfer printing using Datamax IQ Kit lengths of labels & ribbons

- Ribbons are perfectly matched, so you only change a ribbon every 2 or 4 rolls of labels
- Increases productivity by 34%
- The IQ Kit Solution saves 4 hours of downtime

Exact ratio of labels to ribbons saves

- Money** Each order transaction costs approximately \$75. If labels and ribbons are ordered separately, there are two purchase orders totaling \$150. By ordering the IQ Kit Solution (labels, ribbons, cleaning cards), there is only one transaction, which reduces your cost by 50%.
- Waste** "Old" style ribbons do not always match up with the "old" style label roll counts, forcing operators to create waste by throwing away partially used rolls of ribbons or labels to make changeover more productive. Going "green" means reducing waste during your printing production, as well as via our shipping process. If labels and ribbons are shipped separately, both label and ribbon boxes are destroyed. The IQ Kit Solution reduces the number of boxes and cuts down on waste and recycling.
- Freight** If you order 250,000 labels and ribbons, you'll receive 63 cases of labels and five cases of ribbons for a total of 68 cases at 1,690 pounds. Ordering 250,000 labels packaged in IQ Kits results in 59 cases or 1,570 pounds. You'll save 10% in freight charges by ordering the IQ Kit Solution.

Lean manufacturing

Lean manufacturing is about doing more with less: less time, inventory, space and money. Lean is about speed and getting it right the first time! IQ Kits mirror the lean manufacturing concept by providing an easy way to control inventory, save space, reduce waste and locate supplies quickly.

The safe choice

Datamax IQ Solutions come from one source and are engineered and tested as the certified product for optimal performance in your Datamax printer.

Double the printhead warranty

We are so confident in our IQ Kit Solution that we will double the standard printhead warranty when you use the Datamax IQ labels, ribbons and cleaning cards in your Datamax printer. Ask us about the Datamax Printhead *Advantage* program, and see how it can extend the life of your printer.

Contact sales at 407-523-5650 to see how a Datamax IQ label solution can help you today!



Datamax IQ™ Label & Ribbon Kit Solutions

Datamax IQ T100 premium, thermal transfer kits offer the most innovative label-printing solution in the industry, with broad performance characteristics to produce high-quality barcode images. The Datamax IQ Kits include premium, coated, bright-white, thermal transfer paper labels; premium, resin-enhanced wax ribbons; and a cleaning card.

Why choose Datamax IQ Kits?

- ▶ Fewer transactions save you money
- ▶ You'll reduce freight charges, waste, and save space
- ▶ Certified labels designed for Datamax printers are the safe choice
- ▶ Your printhead warranty will double

4:1 Ratio Premium Thermal Transfer Kits

for the Datamax H-Class and I-Class Printers 4 rolls of labels to 1 roll of ribbon

IQ T100 Premium Thermal Transfer Paper Labels - 3" Core 8" OD – Premium, Resin-Enhanced Wax Ribbons - Cleaning Card

Part Number	Description	Labels/Kit	Labels/Roll	Rolls/Kit	Ribbons/Kit	Cleaning Card/Kit
T100-400150P38-K1	4.00 x 1.50	16,000	4,000	4	1	1
T100-400200P38-K1	4.00 x 2.00	12,200	3,050	4	1	1
T100-400250P38-K1	4.00 x 2.50	9,900	2,475	4	1	1
T100-400300P38-K1	4.00 x 3.00	8,300	2,075	4	1	1
T100-400400P38-K1	4.00 x 4.00	6,300	1,575	4	1	1
T100-400600P38-K1	4.00 x 6.00	4,240	1,060	4	1	1
T100-400650P38-K1	4.00 x 6.50	3,920	980	4	1	1
T100-400800P38-K1	4.00 x 8.00	3,200	800	4	1	1

2:1 Ratio Premium Thermal Transfer Kits

for the Datamax H-Class, I-Class and M-Class Printers 2 rolls of labels to 1 roll of ribbon

IQ T100 Premium Thermal Transfer Paper Labels - 3" Core 8" OD – Premium, Resin-Enhanced Wax Ribbons - Cleaning Card

Part Number	Description	Labels/Kit	Labels/Roll	Rolls/Kit	Ribbons/Kit	Cleaning Card/Kit
T100-400150P38-KI2	4.00 x 1.50	16,000	4,000	4	2	1
T100-400200P38-KI2	4.00 x 2.00	12,200	3,050	4	2	1
T100-400250P38-KI2	4.00 x 2.50	9,900	2,475	4	2	1
T100-400300P38-KI2	4.00 x 3.00	8,300	2,075	4	2	1
T100-400400P38-KI2	4.00 x 4.00	6,300	1,575	4	2	1
T100-400600P38-KI2	4.00 x 6.00	4,240	1,060	4	2	1
T100-400650P38-KI2	4.00 x 6.50	3,920	980	4	2	1
T100-400800P38-KI2	4.00 x 8.00	3,200	800	4	2	1

2:1 Ratio Premium Thermal Transfer Kits

for the Datamax E-Class 4204 and 4304 Printers 2 rolls of labels to 1 easy loading pre-inserted spindle ribbon

IQ T100 Premium Thermal Transfer Paper Labels - 1" Core 5" OD – Premium, Resin-Enhanced Wax Ribbons with Take-Up Core - Cleaning Card



Part Number	Description	Labels/Kit	Labels/Roll	Rolls/Kit	Ribbons/Kit	Cleaning Card/Kit
T100-400200P15-KI	4.00 x 2.00	4,000	1,000	4	2	1
T100-400300P15-KI	4.00 x 3.00	2,760	690	4	2	1
T100-400600P15-KI	4.00 x 6.00	1,400	350	4	2	1

* Sample above is an E-class pre-inserted Spindle Ribbon with Take-up Core



Datamax IQ™ Label Solutions

IQ thermal transfer and direct thermal label solutions are engineered and tested through Datamax printers, offering the best label-printing solution in the industry.

Why choose Datamax IQ Label Solutions?

- ▶ Smart, part-numbering makes identification and ordering easy
- ▶ You'll reduce freight charges, waste, and save space
- ▶ Larger rolls will maximize your printer capacity
- ▶ Safe choice-*certified* labels designed for Datamax printers

IQ Thermal Transfer Labels

for the Datamax H-Class, I-Class and M-Class Printers IQ T100 thermal transfer labels have a quality coated, bright-white, ultra-smooth facestock with a general purpose adhesive, offering the best print quality and a wide service temperature to meet the most demanding label application. IQ T100 is a top-coated product to provide premium barcodes when matched with an IQ-series ribbon.
T100 Premium, Thermal Transfer Paper Labels - 3" Core 8" OD + Datamax Cleaning Card

Part Number	Description	#/Case	#/Roll	Rolls/Case	Cleaning Card
T100-400150P38	4.00 x 1.50	16,000	4,000	4	1
T100-400200P38	4.00 x 2.00	12,200	3,050	4	1
T100-400250P38	4.00 x 2.50	9,900	2,475	4	1
T100-400300P38	4.00 x 3.00	8,300	2,075	4	1
T100-400400P38	4.00 x 4.00	6,300	1,575	4	1
T100-400600P38	4.00 x 6.00	4,240	1,060	4	1
T100-400650P38	4.00 x 6.50	3,920	980	4	1
T100-400800P38	4.00 x 8.00	3,200	800	4	1

IQ Direct Thermal Labels

for the Datamax H-Class, I-Class and M-Class Printers IQ D100 direct thermal labels have a quality coated, bright-white facestock with a high-sensitivity thermal coating, featuring a low ion top-coating, which provides protection and maximizes the life of the printhead. IQ D100 features an all-temperature adhesive to meet the most demanding application requirements.

D100 Premium, Direct Thermal Paper Labels - 3" Core 8" OD + Datamax Cleaning Card

Part Number	Description	#/Case	#/Roll	Rolls/Case	Cleaning Card
D100-400200P38	4.00 x 2.00	12,200	3,050	4	1
D100-400300P38	4.00 x 3.00	8,300	2,075	4	1
D100-400400P38	4.00 x 4.00	6,300	1,575	4	1
D100-400600P38	4.00 x 6.00	4,240	1,060	4	1
D100-400650P38	4.00 x 6.50	3,920	980	4	1



Datamax IQ™ Ribbon Solutions

Datamax IQ ribbon solutions offer the best print quality in the industry. IQ thermal transfer ribbon solutions are engineered and tested through Datamax printers, offering the best printing solution in the industry.

Why Choose Datamax IQ Ribbon Solutions?

- ▶ Consistent quality and durability
- ▶ Delivers dark images
- ▶ Delivers crisp bar codes
- ▶ Enhanced smudge and scratch resistance
- ▶ Reduce printhead wear
- ▶ Safe choice-*certified* labels designed for Datamax printers

IQWax Ribbons

for the Datamax H-Class, I-Class and M-Class Printers IQWax is a premium general-purpose resin-enhanced wax ribbon, offering broad performance characteristics and delivering a high-quality, crisp image with applications that require high-speed printing and enhanced printhead protection.

To be used with IQ T100 Paper Labels

Part Number	Description	#/Case
IQWax-106330	4.17"(106mm) x 1082'(330M)	24
IQWax-106330-6	4.17"(106mm) x 1082'(330M)	6
IQWax-106660	4.17"(106mm) x 2164'(660M)	12
IQWax-106660-6	4.17"(106mm) x 2164'(660M)	6

*660M ribbons are for the Datamax H-Class, I-Class and M-Class printers

IQMid Ribbons

for the Datamax H-Class, I-Class and M-Class Printers IQMid is a premium wax resin ribbon, offering broad performance characteristics and smudge resistance, which produce a high-quality image on the broadest range of materials.

To be used with IQ T100 Paper Labels & Mid-range Films

Part Number	Description	#/Case
IQMid-106330	4.17"(106mm) x 1082'(330M)	24
IQMid-106330-6	4.17"(106mm) x 1082'(330M)	6
IQMid-106660	4.17"(106mm) x 2164'(660M)	12
IQMid-106660-6	4.17"(106mm) x 2164'(660M)	6

*660M ribbons are for the Datamax H-Class, I-Class and M-Class printers

IQRes Ribbons

for the Datamax H-Class, I-Class and M-Class Printers IQRes is a superior resin ribbon, offering broad performance characteristics and smudge resistance, which produce a high-quality image on the broadest range of materials in extreme application environments. IQRes ribbons print on both paper and film materials.

To be used with IQ T100 Paper Labels, Mid-range and High-Performance Films

Part Number	Description	#/Case
IQRes-106330	4.17"(106mm) x 1082'(330M)	24
IQRes-106330-6	4.17"(106mm) x 1082'(330M)	6
IQRes-106660	4.17"(106mm) x 2164'(660M)	12
IQRes-106660-6	4.17"(106mm) x 2164'(660M)	6

*660M ribbons are for the Datamax H-Class, I-Class and M-Class printers



Datamax IQ™ E-Class Label & Ribbon Solutions

IQ thermal-transfer and direct thermal label solutions are engineered and tested through Datamax E-Class printers, offering the best label printing solution in the industry.

Why Choose Datamax IQ Label Solutions for E-Class Printers?

- ▶ Smart, part-numbering makes part identification and ordering easy
- ▶ Larger rolls for greater printer capacity
- ▶ Safe choice-*certified* labels designed for Datamax printers

IQ Thermal-Transfer Labels

for the Datamax E-Class 4204 and 4304 Printers IQ T100 thermal transfer paper is a quality coated, bright-white, ultra-smooth facestock with a general purpose adhesive, offering the best print quality and a wide service temperature to meet the most demanding label application. IQ T100 is a top-coated product that provides premium barcodes when matched with the IQ-series ribbon.

T100 Premium, Thermal transfer Paper Labels - 1" Core 5" OD-Datamax Cleaning Card

Part Number	Description	#/Case	#/Roll	Rolls/Case	Cleaning Cards
T100-400200P15	4.00 x 2.00	4,000	1,000	4	1
T100-400300P15	4.00 x 3.00	2,760	690	4	1
T100-400600P15	4.00 x 6.00	1,400	350	4	1

IQWax Ribbons

for the Datamax E-Class Printers IQWax is a premium general-purpose wax ribbon, offering broad performance characteristics to deliver high-quality, crisp images and enhanced printhead protection.

To be used with IQ T100 Paper Labels

Part Number	Description	#/case
IQWax-106110	4.17" (106mm) x 360' (110M)	24

IQ Direct Thermal Labels

for the Datamax E-Class 4204 and 4304 Printers IQ D100 direct thermal paper is a quality coated, bright-white paper with a high-sensitivity thermal coating, featuring a low ion top-coating that provides protection and maximizes the life of the printhead. IQ D100 features an all-temperature adhesive to meet the most demanding application requirements.

D100 Premium, Direct thermal Paper Labels - 1" Core 5" OD-Datamax Cleaning Card

Part Number	Description	#/Case	#/Roll	Rolls/Case	Cleaning Cards
D100-400200P15	4.00 x 2.00	5,840	1,460	4	1
D100-400300P15	4.00 x 3.00	3,960	990	4	1
D100-400600P15	4.00 x 6.00	2,000	500	4	1
D100-400650P15	4.00 x 6.50	1,840	460	4	1

Datamax IQ™ Specifications

IQ Label Solutions

IQ T100 Thermal Transfer Paper - A premium, coated, ultra-smooth, thermal-transfer facestock with a general-purpose adhesive. T100 is specifically top-coated to provide premium barcode printing when matched with the Datamax IQ Ribbon Solutions. Usage: Applications where high-quality barcodes and medium- to high-speed printing is critical.

- Minimum Application Temperature: 25°F (-3°C)
- Service Temperature: -65°F to 200°F (-54° to 79°C)
- Shelf Life: One year when stored at 72° at 50% RH

IQ D100 Direct thermal Paper – A high-quality, smooth, bright-white paper, with medium- to high-sensitivity thermal coating and an all-temperature adhesive. D100 features a special low-ion top coating, which provides protection for the thermal layer, maximizing the life of the printhead. Usage: Applications where resistance to blood, oils, plasticizers and some alcohols and solvents is critical.

- Minimum Application Temperature: -20°F (-28°C)
- Service Temperature: -65°F to 200°F (-54° to 79°C)
- Recommended Shelf Life: One year when stored at 72°F and 50% RH

IQ Ribbon Solutions

IQWax Enhanced general-purpose wax ribbon, offering broad performance characteristics and delivering high-quality images with speeds up to 12IPS for 200, 300, 400 and 600DPI printheads.

- Designed for use on thermal transfer paper materials
- Excellent print quality, as well as an excellent level of smudge and heat-resistance up to 212°F (100°C)
- Outstanding backcoat technology, which dissipates static buildup and provides the ultimate in printhead protection

IQMid Premium wax-resin ribbon, offering broad performance characteristics and delivering high-quality images with speeds up to 12IPS for 200, 300, 400 and 600DPI printheads.

- Designed for use on thermal-transfer paper and with many other mid-range film materials
- Superior smudge- and heat-resistance of up to 212°F (100°C)
- Outstanding backcoat technology, which dissipates static buildup and offers the ultimate in printhead protection

IQRes Superior thermal transfer, resin-based ribbon, offering broad performance characteristics with speeds up to 10IPS on 200, 300, 400 and 600DPI printheads.

- Designed for use on thermal transfer paper, midrange and high-performance film labels with superior resistance to smudging and scratching
- Outstanding backcoat and ink technology, which dissipates static buildup and offers the ultimate in printhead protection
- Extremely resistant to solvents and provides excellent print quality when printing rotated bar codes

IQ Cleaning Card Solutions

IQ Cleaning Cards* - The Datamax cleaning cards are designed to remove contamination from thermal printheads, guides and label paths safely and effectively. Keeping the printhead clean will improve print quality, reduce downtime and extend the life of the printhead.

*If you clean the printhead and use the IQ Kit Solutions, we will double the printhead warranty.



4501 Parkway Commerce Blvd., Orlando, FL 32808

p. 407.523.5650 f. 407.523.5653

www.datamaxmedia.com

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