Location Labeling the Warehouse/DC

Industry:
Distribution
Transportation & Logistics
Industrial Goods
Public Sector

Products:
Duratran II Label
Duratherm S
Duratran Pro Label
INdelible Label
PM43
PC23/43
PB22/32/50

Region:
North America
Latin America

Typical Applications:
Rack & Bin Labeling
Floor Aisle Labeling
Reusable Tote License Plates
Long-range Scanning Labels
Returnable Asset Labeling

Customer Benefits:
- Improved accuracy in shipping, receiving, and inventory control
- Improved efficiency in locating and processing order picking
- Compatibility with Scan and Voice technologies
- Easy and intuitive warehouse navigation for new employees
- Optimized performance with integrated Intermec solution (printer, media, computer)

Intermec®

Printers & Media

Industry Need

Bar coding is a critical component in achieving accuracy and efficiency in a warehouse environment. By using bar codes and data collection mobile computing solutions, businesses can avoid the costs associated with reduced efficiency and misplaced product from warehouse and inventory management systems reliant on paper and/or manually keyed data. Whether installing a new DC or retrofitting an existing one, proper labeling of the facility using an intuitive and logical structure for each of the key workflows will reduce time spent in all activities and improve inventory location accuracy.

No single warehouse organization system will work for every business. For this reason, a complete warehouse labeling system must include a broad range of products that will meet each individual customer's needs including but not limited to:
- Rack location labels
- Tote labels
- Tough, durable flooring labels
- Returnable Asset labels

Each warehouse can be customized simply by selecting the desired label products from a portfolio of stock print-on-demand products or custom pre-printed products targeted for the specific workflow application.

One workflow example is voice directed work. Voice-picking as it is sometimes called, is gaining strong momentum in case and piece-pick operations. When using voice in picking operations, it is important to note that the most common two-digit human readable character labels are to be assigned in random sequences to pick-face locations to improve accuracy and eliminate memorization. These labels can either be pre-printed or they can be printed on-demand using a thermal printer. It is important to note in this workflow application that DC's often reset the random sequence of these picking labels once every year or more in selected zones to enhance accuracy.

Identifying all warehouse locations with durable, bar code and voice-pick code imprinted labels and placards, with redundant clear human-readable text, provides employees a quick, accurate way to enter location data with data collection hardware.

Intermec Solutions

Intermec provides a wide variety of warehouse label products including pre-printed labels with static information and labels/tags printed on-demand using Intermec thermal printers. Custom products can be tailored to more unusual needs. With a comprehensive product set ranging from durable film labels to economical paper options, the right products are available to optimize performance and price across the entire warehouse.

To order any of our Pre-serialized products, simply contact Intermec Pre-Print division at 800.221.8314 or pre-print@intermec.com. To inquire about On-demand products, please contact Customer Service at 800.755.5505.

Preprinted Media Solutions for Warehouse Location Labeling

	Product Type		Mounting Method	Standard Sizes
Pre-Printed Data	Multi-Level Totem		Adhesive, PVC backer, Metal backer	3"x12"
	Rack and Bin Labels		Adhesive	Rack 3"x8" (low level racks) Bin 2"x1", 3"x1"
	Long-range, Retro-reflective		Adhesive, PVC backer, Metal backer	3"x12" (high level racks)
	Floor Labeling		Adhesive	12"x24"
	Ceiling and Placard		PVC backer, Metal backer	4"x16" 6"x16"

On-Demand Printed Media Solutions for Warehouse Location Labeling

Application	Material	Durability	Temp. Range	Leading Label Configurations			Leading Stock Ribbons	
				Industrial Printers	Desktop Printers	Mobile Printers	Industrial Printers	Desktop Printers
Tote/RPC License Plates; Rack and Bin Labels	Duratherm S Label	Good; synthetic construction endures water exposure and offers good long-term stability	25F minimum application, -75 to 120F service	Custom	2x1" (E27024); 3x1 (E27025)	2x1" (E25764)	N/A (direct thermal)	N/A (direct thermal)
	Duratran S Label	Better; excellent label and print durability and longevity	25F minimum application, -75 to 200F service	4x2" (E25742); 4x6" (E25743)	2x1" (E25754); 3x1 (E25755); 4x1" (E25756); 4x2.5" (E25757); 4x6" (E25758)	n/a	TMX1000 series: 4.09x18,024" (11234118, CSI) TMX2000 series: 4.09x18,024" (1234118, CSI)	TMX1000 series: 4.1x10,800" (11234012, 1" core) 4.33x3.588" (11044304, 1/2" core) TMX2000 series: 2.35x10,800" (11232211, 1" core) 3.1x10,800"11233011, 1" core) 3.27x3,588" (11043304, 1/2" core) 4.1x10,800" (11234012, 1" core) 4.33x3,588" (11044304, 1/2" core)
	Duratran Pro Label	Better; excellent label and print durability for wet processing environments; good facesheet stiffness for ease of application	45F minimum application, -65 to 200F service	3x1" (E02202); 3x5" (E02203); 3.25x2" (E02208); 4x2.5" (E02204); 4x6" (E03444); 4x6" removable (E09186)	Custom	n/a	TMX1000 series: 3.0x18,000" (11233018, CSI) 4.17x18,000" (11034118, CSI) TMX2000 series: 3.15x18,000" (12033318, CSI); 4.09x18,024" (1234118, CSI)	TMX1000 series: 4.1x10,800" (11234012, 1" core) 4.33x3.588" (11044304, 1/2" core) TMX2000 series: 3.1x10,800"11233011, 1" core) 3.27x3,588" (11043304, 1/2" core) 4.1x10,800" (11234012, 1" core) 4.33x3,588" (11044304, 1/2" core)
	INdelible Label	Best; superior abrasion, moisture, and chemical resistance	50F minimum application, -40 to 302F service	2x1" (E10164; 3x1" (E23068); 3x2" (E23069); 4x1" (E25732); 4x2" (E23222); 4x6" (E25733)	2x1" (E22233); 3x1" (E25746); 4x2" (E25747)	n/a	TMX3000 series: 2.09x18,000" (13632018, CSI) 3.27x12000" (13033312, CSI); 4.1x18,000" (13634118, CSI)	TMX3000 series: 2.36x10,800", 1" core (13632111), 2.5x3588", 1/2" core (13042504); 3.1x10,800", 1" core (13633111); 3.1x3588", .1/2" core (13633136); 4.1x10,800", 1" core (13634012); 4.33x3,588", 1/2" core (13044304)
RFID Tote/ RPC License Plates	INdelible HP Label	Best; superior abrasion, moisture, and chemical resistance	50F minimum application, -40 to 302F service	4x2" (ILR00245)	Custom	n/a	TMX3000 series: 4.1x18,000" (13634118, CSI)	TMX3000 series: 4.1x10,800", 1" core (13634012); 4.33x3,588", 1/2" core (13044304)

Printer Recommendation

PM43 RFID Printer Profile

Ready – Fastest to deploy. Seamlessly fits any environment.
- Large color multi-lingual tamper proof touch-screen or icon user interface
- No touch configuration capabilities
- Only CCX & WiFi certified fixed printers with standard IPv6 implementation

Reliable – Maximize uptime. Built from 40 years of printing innovations. 3rd generation platform.
- Precision Print for consistent bar code printing with pin point accuracy
- Multilingual Web page loaded on every printer ensures easy device monitoring
- Strong metal structure with metal door that can be locked for media protection

Perform – Increase productivity and process efficiencies.
- Fastest throughput in its class
- Powerful programmable capability with ability to directly connect peripherals
- Most connectivity options in the market

PC23/43 Desktop Printers Profile

Intuitive – Easiest to Install & Use
- Multi-language LCD or universal icon user interface
- Step-by-step installation wizard

Flexible – Fits your business today & tomorrow
- Scalable connectivity & accessories
- Choice of placement options – wall or cart mountable

Smart – Keeps you informed & productive
- Diagnostics through color display or icons
- User installed upgrades & accessories
- Remote management

PB22/32/50 Rugged Mobile Label Printers Profile
- Industry's fastest label throughput
- Rugged design for the harshest mobile environments
- Easy to use and support
- Powerful smart-printing capabilities eliminate the PC – the industry's only "smart" mobile printers

The Intermec Advantage

To capitalize on auto-ID efficiency in the rugged warehouse environment, it is essential that labeling products and hardware deliver flawless operation and reliability. Intermec printers and media are optimized for superior performance when used together. Our rigorous testing and co-engineering ensures consistently high print quality, proven label and tag performance in demanding real-world environments, and maximum print head service life for reduced downtime.

Intermec printers and media are complemented by the industry's only complete line of integrated solutions and services, including rugged mobile computers, RFID systems, and advanced scanning technology. Intermec products and services are used by customers worldwide to improve the productivity, quality and responsiveness of their business operations.

Printhead Replacement Program

Intermec will provide no cost replacement printheads, as failures occur due to normal wear and tear, to those customers who use Intermec Media Products exclusively with their Intermec direct thermal and thermal transfer fixed printers. For full details, click here.

For more information

Contact Intermec for more information on improved efficiencies via effective warehouse labeling.

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