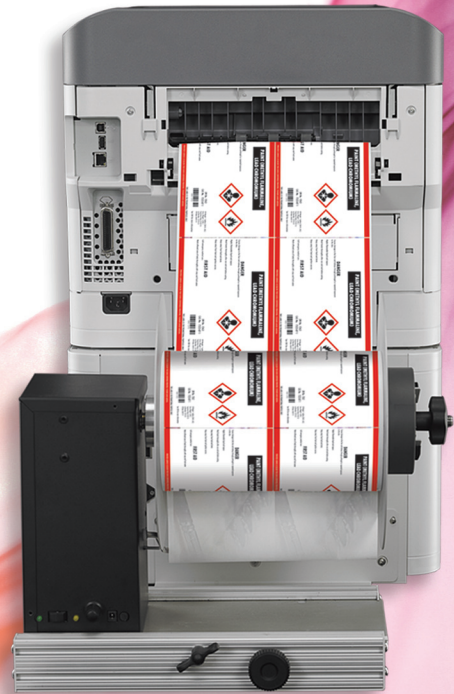


UniNet[®]

iColor[®] 700

GHS CERTIFIED PRINTER, TONER & MEDIA





GHS, BS5609 and IMDG Certification

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) is an international system that was created by the United Nations and ensures global consistency for the labeling of dangerous goods.

British Marine Standard BS5609 is a requirement for self adhesive drum labels needing International Maritime Dangerous Goods (IMDG) certification for shipment. These standards set out various criteria for label durability when dangerous goods are being transported in marine environments. It stipulates that the drums and containers used to contain the hazardous goods, be durably marked and remain identifiable for at least three months being immersed in the sea.

In order to print fully-compliant drum and chemical labels the facestock, adhesive and printed graphics all need to meet the requirements for sections 1, 2 and 3 of the BS5609 standards. In addition, the graphics of the labels must comply by utilizing the standardized black and red pictogram system accompanied with the precautionary text layouts.

iColor® 700 Print Software

UniNet's iColor® 700 print label software is a full featured, easy-to-use software package that was developed exclusively for the iColor® short to mid run digital label printers. The iColor® 700 print label software enables users to drag and drop their label graphics, select the exact quantity needed, and print. By combining this short run digital label printer with the easy-to-use software, users can print their chemical or drum label on die-cut substrates and have the labels ready for immediate application the same day.

Our optional iColor® Variable Data Software allows you to vary text, serial numbers, bar codes, lot codes, images, and dates from label to label without stopping or slowing down the printing process; an ideal solution for chemical and drum identification.

The GHS-Compliant Label

UniNet has partnered with MACTac Printing Products to come up with two suitable solutions for BS5609-compliant labeling: polyester (PET), and biaxially-oriented polypropylene (BOPP) synthetic films. The PET is a 2.0 mil matte white polyester with an aggressive permanent and 3.4 mil lay-flat liner. The second option that can be used is a 2.6 mil white BOPP using the same permanent acrylic adhesive, but a SCK liner. MACTac substrates can be purchased and converted by UniNet. Please contact UniNet for more information.

Visit www.icolorprint.com for more information!

Drum and Chemical Label Printing Made Easy

The iColor® 700 roll to roll digital label printer is ideal for printing full color GHS BS5609-compliant chemical and drum labels on demand. Die-cut labels printed on the iColor® 700 deliver outstanding stability and resistance to water, chemicals, fading and smudges when exposed to the harshest of elements. With print speeds of up to 9.14 meters/min (30 ft/min), the iColor® 700 will allow users to eliminate the need for ordering pre-printed labels, reduce inventory and wait times, and customize each label with variable information in full color - all in a single pass.



Customer Benefits

- Print on demand; any job, any size, any time!
- Producing labels in-house reduces wait time, inventory and waste.
- Eliminate the need to order pre-printed labels.
- Ability to print on a variety of label sizes with roll widths ranging from 6" to 8.5" wide.
- Print speeds of up to 9.14 meters/min (30 ft/min)
- Labels in roll format can be applied utilizing an automatic application system.
- Real time lot/batch identification and tracking using optional iColor® Variable Data Software.
- Print labels up to 52 inches long in regular mode printing, and unlimited lengths using the banner mode feature.

Software Features

- Drag and drop imposition of PDF graphics.
- Nesting feature allows for a number of small jobs to be printed as a single large job.
- Ability to save label templates in the software for later use.
- iColor® Variable Data Software allows for mass customization of labels including SKU's, barcodes, dates, lot numbers, etc.



iColor® 700 - System Specifications

PRINT SPEED 4.33m/mm (PET) and 9.14 meters/min (BOPP)

PRINT TECHNOLOGY Single Pass 4 Color LED (CMYK)

PRINTER PROCESSOR 533 MHz

MEDIA WIDTH Minimum: 3.0 inches (76.2 mm)
Maximum: 8.5 inches (216 mm)

PRINT WIDTH Minimum: 3.0 inches (76.2 mm)
Maximum: 8.24 inches (209.3 mm)

PRINT LENGTH Up to 213 meters (700 ft)

SUBSTRATE TYPES¹ Die Cut Label Stock
Kiss Cut Label Stock
Non Die Cut Label Stock

PRINT QUALITY 1200 x 600 dpi

TONER SUPPLIES² CMY - 11,500 pages @ 5%
K - 11,000 pages @ 5%
(Rated according to ISO/IEC 19798 guidelines)

DRUM SUPPLIES³ CMYK - 30,000 pages @ 5%
(Rated according to ISO/IEC 19798 guidelines)

FEEDER SYSTEM Input roll maximum outside diameter: 8 inches (203 mm)
Core inside diameter: 3 inches (76.2 mm)
Maximum input roll weight: 14 lbs (6.35 kg)
Cut on the fly, auto cut
Auto page width registration
Front Panel LCD interface
Web management system torque
Auto adjusting form synchronization

REWINDER SYSTEM Output roll maximum diameter: 8 inches (203 mm)
Core inside diameter: 3.0 inches (76.2 mm)
Maximum output roll weight: 14 lbs (6.35 kg)



DIMENSIONS (HxWxD)

Printer and Feeder: 26" x 17.1" x 21.5"
(660 mm x 434 mm x 546 mm)
Rewinder: 16" x 19.75" x 19"
(406 mm x 502 mm x 483 mm)

WEIGHT

Printer and Feeder: 110 lbs (49.9 kg)
Rewinder: 27.65 lbs (12.54 kg)

OPERATING ENVIRONMENT

Temperature: 10°C to 20°C (50 to 89.6°F)
Humidity: 20 to 60% RH

POWER (Typical)

110 - 127 VAC, 50/60 Hz @ 1150W
220 - 240 VAC, 50/60 Hz @ 1150W

CERTIFICATIONS

FCC Class A, CE, cTUVus, CCC

WARRANTY

1 year*
(visit www.icolorprint.com for more information)

1. This product is designed and engineered to operate only with genuine UniNet label consumables and certain media substrates. Please contact UniNet for the most current Certified Media List of substrates available.

2. Letter-size sheets at 5% coverage. Printer ships with a 7,700 page set of starter toner cartridges.

3. Based on 500 cut-sheet pages/job.

System Requirements

UniNet ensures superior quality and resolution, as well as greater consistency and repeatability for the iColor® 700, designed and engineered to operate with qualified consumables and the Certified Media Library. UniNet is not responsible for damage or consequences arising from the use of non-certified media or consumables.

CPU Intel Xeon E5-1650 @ 3.20GHz, or Intel Core i7-3930K @ 3.20GHz
RAM 12GB RAM (minimum)
HDD 150GB SATA 10K or 15K RPM
OS Windows 7 Professional, or Ultimate 64-bit

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