On-demand GHS-compliant label printing

EPSON®

Durable BS5609-certified chemical GHS labels

From small labels for test tubes, to extra-large labels for industrial barrels, Epson's ColorWorks labelling solutions enable the on-demand production of high-quality, full-colour GHS-compliant labels on synthetic materials that are waterproof, smudge-proof, and light-, alcohol- and chemical-resistant. These inkjet printers are also BS5609-certified when used with Epson polypropylene media.

The advantages of on-demand label printing with Epson ColorWorks

Extremely durable labels

Print durable labels that are waterproof, smudge-proof, chemical-resistant and meet the BS5609 standard.

Simple and flexible

Quickly and accurately print all labels in a single straightforward process, and avoid ordering extra labels you don't need.

Increase speed

Print in full colour at the speed your business needs. Reduce your overall full-colour label production time.

Reduce waste

Eliminate wasted labels due to last-minute design changes. No need to bulk-order pre-printed labels as buffer stock – just print the labels you need, on-demand

Eliminate unexpected charges

Cut out third-party charges for custom pre-prints. Reduce label creation errors, as well as late deliveries and penalties.

Safe and secure

Produce high quality and GHS-compliant labels for hazardous materials.

Epson's ColorWorks labelling solutions are GHS-compliant

People of all ages, from children to the elderly, using many different languages and alphabets, belonging to various social groups, including those unable to read, come into contact with potentially dangerous chemicals and pesticides in their daily lives.

The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) is an international standard, managed by the United Nations, that was set up to replace the assortment of hazardous material classification and labelling schemes previously used around the world.

GHS has created a single international hazard warning communication system using standardised colour pictograms. This safety initiative provides chemical handlers with important hazard information.

You can print GHS-compliant labels that meet the BS5609 standard, thanks to a combination of pigment inks and synthetic Epson media.

 Edge-to-edge printing in deep, rich colours

 High quality printing of company logos

 Printing of variable data (e.g. names, dates, QR-codes, use by dates) on-demand

 Printing of hazard pictograms in colour

 Clear and precise printing of barcodes and text in small fonts

 Highlighting important information in colour

Case studies

Vickers Laboratories

VITEX

Overview of the Epson ColorWorks range

ColorWorks C3500
Entry-level colour label printer for low-to-medium demand

	Print up to 103mm/s
	Paper width 30 - 112mm; max. print width 104mm
	720 x 360dpi
	User-friendly, flexible and compact
	Autocutter

ColorWorks C4000e (bk) / C4000e (mk)
Desktop colour label printers for photo-quality labels, for low-to-medium demand

Print up to 100mm/s	**Model variations:**
Paper width 25.4 - 108mm; max. print width 108mm	
1,200 x 1,200dpi	**C4000e (bk):** "Allrounder" version with black gloss ink for the best print results on gloss media. Ideal when quality is key.
Colour management	
Remote configuration and maintenance	**C4000e (mk):** Version with black matte ink for the best print results on matte, textured or normal media. Ideal when durability is key.
User-friendly, flexible and compact	
Direct access with ESC/Label	
Software development kits for iOS and Android	
Optional Wi-Fi dongle for cable-free printing	
Autocutter	

ColorWorks C6000- / C6500-Series
Versatile colour label printers for photo-quality labels, for medium-to-high demand

Print up to 119.5mm/s	**Model variations:**
Paper width (varies by model) 25.4 - 112mm or 25.4 - 215.9mm; max. print width (varies by model) 108mm or 211.9mm	All models listed below are available with black gloss ink (bk) for best print quality on gloss media, or black matte ink (mk) for long-lasting print on matte, textured or normal media.
1,200 x 1,200dpi	
Colour management	**C6000Ae:** 4-inch print width / autocutter
Remote configuration and maintenance	**C6000Pe:** 4-inch print width / peeler
User-friendly, flexible and practical	**C6500Ae:** 8-inch print width / autocutter
Seamless integration into any system via ESC/Label or via the integrated SAP or I/O port	**C6500Pe:** 8-inch print width / peeler
Available either with autocutter or peeler	

ColorWorks C8000e (bk) / C8000e (mk)
Industrial colour label printers for high demand

Print up to 300mm/s	**Model variations:**
Internal paper width 25 - 112mm, max print width 108mm External paper width 50 - 112mm, max print width 108mm	**C8000e (bk):** "Allrounder" version with black gloss ink for the best print results on gloss media. Ideal when quality is key.
600 x 1,200dpi	
PrecisionCore printhead for extra reliability	**C8000e (mk):** Version with black matte ink for the best print results on matte, textured or normal media. Ideal when durability is key.
High-capacity ink pouches	
Seamless integration into any system via ESC/Label or via the integrated SAP or I/O port	
Autocutter	

A20513_GHS_labelling_with_ColorWorks_1EN-INT_09/24

EPSON®