BRADY

Available from
SAFETYQUIP
The safety professionals!

BradyPrinter S3100
SIGN & LABEL PRINTER

Fast and Simple Label Creation
Right at your Fingertips

BradyPrinter S3100 Sign & Label Printer

Walk up, create and print

Sign and label printing just got easier with the BradyPrinter S3100. This easy-to-use, stand-alone printer is designed to meet a variety of your facility identifications needs, helping you save time on labelling so you can get back to other tasks.

Easily complete facility-wide identification with:

Do-it-yourself label creation. Create the labels you need, when you need them — without the wait.

Walk up and print ease of use. Ideal for multi-user areas in your facility, anyone can simply walk up, create labels and print right on the spot.

Print smart technology. Label creation is even faster with quick setup and print speeds.

BradyPrinter **S**3100
SIGN & LABEL PRINTER

Easy, stand-alone printing

The BradyPrinter S3100 is your ideal option for on-the-spot label creation throughout your facility. The easy-to-use touchscreen display provides the information you need for fast and easy label creation. Plus, take the guesswork out of creating labels with the intuitive interface that provides a variety of pre-set templates. With a full visual display, you see exactly what your label looks like before printing — so you save time and materials by printing the right label right away.

Time and cost savings with on-demand printing

Proper identification can greatly reduce the occurrence of accidents in your facility. However, getting pre-printed signs and labels can be time-consuming and costly. Free yourself from the constraints of pre-printed identification products — get the labels you need when you need them, customised to your specifications.

Print fast with print smart technology

Print smart technology allows the printer, labels and ribbons to work together for efficient label setup. It's all in the smart chip embedded in our materials – it stores the material size, type, colour, quantity and compatibility, and sets proper burn settings and print speed. When installed, the chip sends information to the printer and displays it on screen to provide a variety of time and cost-saving benefits:

- Decreased setup time
- Reduced label errors
- Compliant label creation
- Reduced material waste

What's New?

You've come to expect simple and fast from start to print with Brady. To better align with your needs, we've evolved the popular BBP®31 printer into the new BradyPrinter S3100, offering:

- Updated user interface
- More responsive touchscreen
- More robust label cutter
- Print queue
- Included mouse & stylus
- Wi-Fi enabled

The right label material from the right company

Nothing leaves Brady's doors without meeting the highest quality standards. Backed by more than 100 years of identification experience and rigorous R&D testing, Brady manufactures materials you can trust. Designed to withstand industrial environments, our materials last — some even up to 10 years outdoors. And you can choose from hundreds of label types and sizes to align with your specific application.

Visit **www.BradyID.com.au/B30Labels** to find materials.

Arc Flash Labels

GHS Labels

Safety and Facility ID

Pipe Markers

Equipment Labels

Inventory Identification

Tags

Raised Panel Labels

Floor Marking

B-595 vinyl is our most aggressive ever — sticks to pipes and extremely rough surfaces and lasts up to 10 years outdoors.
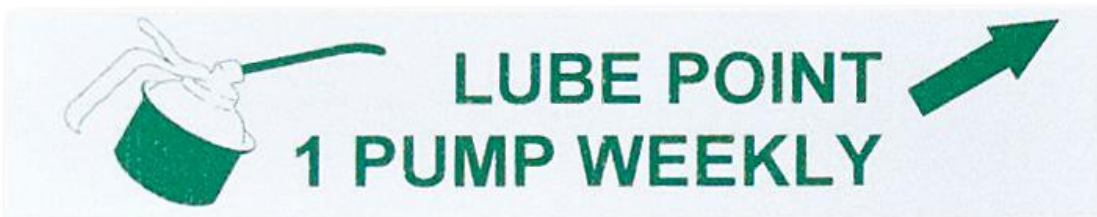
B30C-4000-595-YL (Not to scale)

B30C-2250-595-GN (To scale)

B30C-1125-595-WT (To scale)
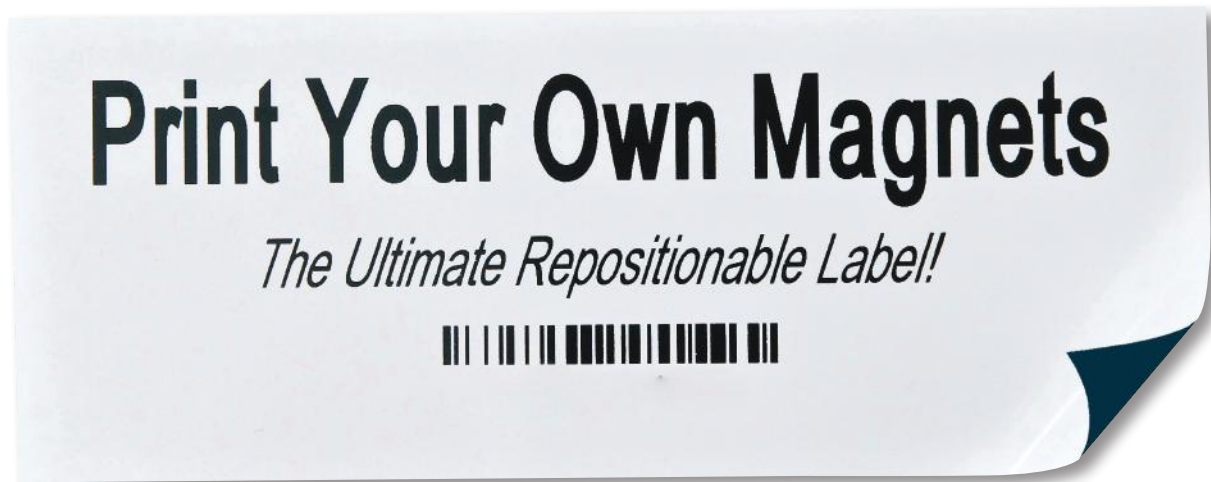

B30C-1125-595-BL (To scale)

NOTE: Product variations can occur dependent on regions

All labels shown were created using the BradyPrinter S3100 and are shown at their actual size.

B30C-4250-551-WT (To scale)

B30C-2500-509-WT (To scale)

B30-222-438 (Not to scale)
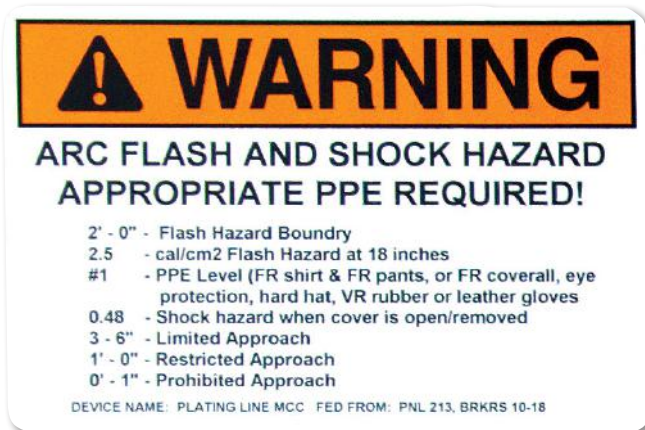
B30C-4000-595-YL (Not to scale)

NOTE: Product variations can occur dependent on regions

Raised profile labels are pre-cut, last 10 years outdoors and cost up to 80% less than engraved plates.

B30-25-595-ANSIWA (Not to scale)

B30EP-177-593-YL (To scale)

B30-245-595-NFPA (To scale)

B30EP-173-593-SV
(To scale)

B30EP-168-593-BK
(To scale)

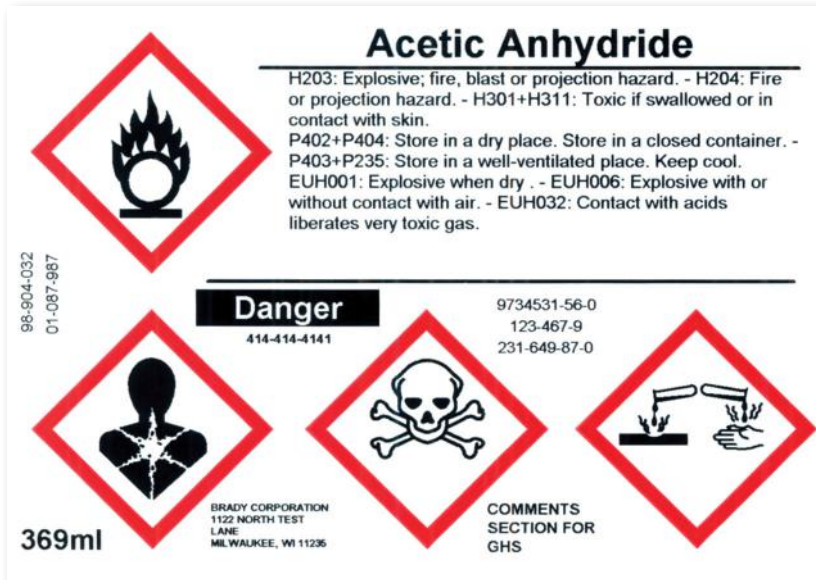**B30EP-167-593-WT**
(To scale)

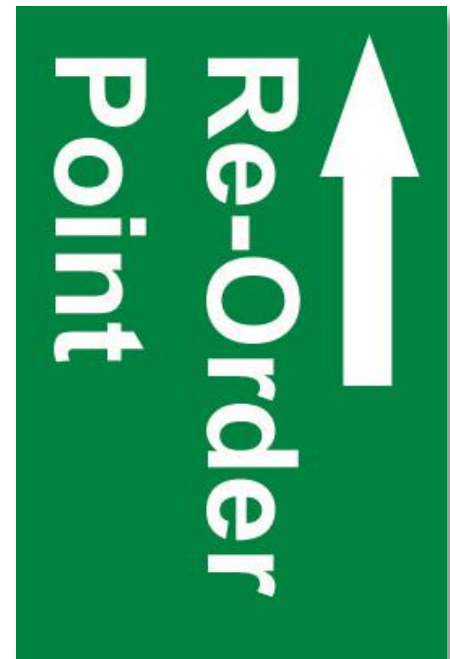

B30EP-167U-593-RD
(To scale)

NOTE: Product variations can occur dependent on regions

Create multicolour signs and chemical labels in one print pass by using supplies with pre-printed colour headers, diamonds and colour bars.

B30-261-7569-CLP4A (To scale)
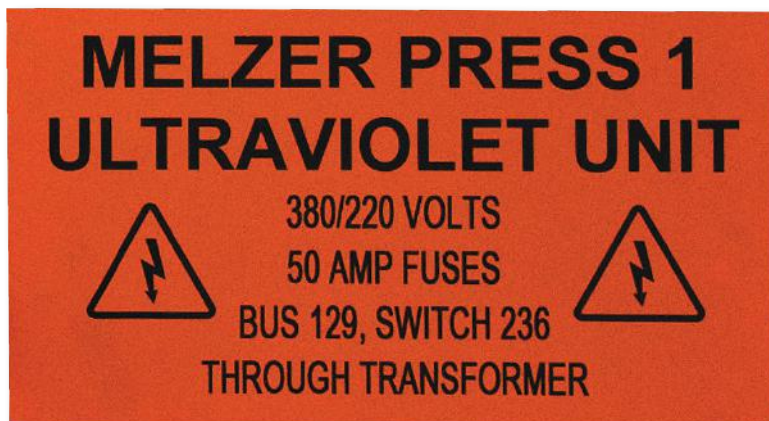

B30C-2250-595-GN (To scale)

B30EP-174-593-BK (To scale)

B30EP-173-593-SL (To scale)

B30C-2250-595-OR (To scale)

B30-241-595-ANSIDA (To scale)

NOTE: Product variations can occur dependent on regions

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Indoor/Outdoor Vinyl (B-595)

- For general facility and safety identification: Our best industrial vinyl yet!
- Durable, low-shrink vinyl with our most aggressive adhesive
- Conforms to irregular, curved, rough and highly textured surfaces (painted cinder blocks, uneven wood, textured plastics, paper-jacketed pipes, powder-coated surfaces)
- Adheres to "difficult" low-surface energy items (PVC piping, blow-molded equipment cases, ABS plastics, recycled plastics)

▶ **Continuous tape from 12-100mm widths 12 colour options.**

Service temp: -40°C - 82°C
Application temp: -17°C - 82°C
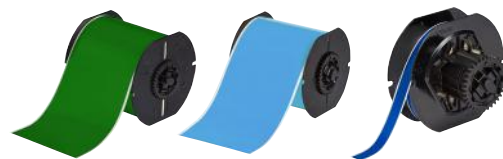**Average outdoor durability:** 8–10 years
Agency approvals: RoHS

Low-Halide Polyester (B-569)

- Low-halide content for labelling stainless steel pipes and surfaces
- Applies best to very smooth surfaces and ideal for mounting to rigid panels

▶ **Continuous tape from 12-100mm widths 16 colours options**

Service temp: -40°C-100°C
Application temp: -17°C - 100°C
Average outdoor durability: 3–5 years

Retro Reflective Tape (B-584)

- Highly reflective material shines back brightly when struck by light
- Ideal for labelling outdoor utility pedestals, hard hats, jobsite equipment and roof-top equipment
- Recommended for low light or inclement weather conditions

▶ **Continuous tape from 28-100mm widths 3 colour options.**

Service temp: -40°C - 70°C
Application temp: -17°C - 70°C (yellow & orange),
                                    10°C - 70°C (silver)
Average outdoor durability: 4–6 years

Find materials or download the Label and Ribbon Guide at **www.BradyID.com.au/ B30Labels**

Pre-Printed Pre-Cut Blank Sign Headers (B-595)

- Allows printer to create multicolour signs fast — in a single print pass
- 6 headers and 2 blank label options meet NFPA 70E, OSHA 1910.145 and ASME/ANSI Z535 standards
- Indoor/outdoor grade material conforms to rough, highly textured and "difficult to adhere to" surfaces

▶ **Die-cut sizes 57mm x 76mm and 100mm x 150mm and additional blank die-cut sizes 6 headers and 2 blank colour options**

Service temp: -40˚C - 82˚C
Application temp: -17˚ - 82˚C
Average outdoor durability: 3-5 years

Pre-Printed GHS / CLP Chemical Labels (B-7569)

- Blank labels with pre-printed red diamonds allow the printer to produce 2-colour GHS / CLP labels in one print pass
- 4 sizes of labels with 7 diamond layouts that match templates in the printer app or in the Brady Workstation GHS App
- Indoor/outdoor vinyl and polyester material and durable inks withstand exposure to moisture, chemicals and handling

▶ **4 die-cut sizes up to 104mm x 154mm diamond layout options**

Service temp: -20˚C - 82˚C
Application temp: 10˚C - 82˚C
Average outdoor durability: 3-5 years

Pre-Printed Right-To-Know Chemical Labels (B-595)

- Produce 5-colour chemical labels in a single print pass
- Indoor/outdoor grade material withstands exposure to moisture, chemicals and handling

▶ **NFPA diamond and colour bar layouts in a variety of sizes**

Service temp: -40˚C - 82˚C
Application temp: -17˚C - 82˚C
Average outdoor durability: 8–10 years
Agency approvals: RoHS

Find materials or download the Label and Ribbon Guide at **www.BradyID.com.au/B30Labels**

Raised Profile Labels/Engraved Plate Substitutes Labels (B-593)

- High-gloss, polyester label with thick raised profile and ultra-aggressive adhesive (0.70mm thick)
- High-performance, low-cost substitute for engraved plates
- 10-year outdoor durability rating
- Printout in approximately 4 seconds

▶ **Push Button Style:**
5 push button sizes (including keyed and non-keyed, 22.5mm and 30.5mm hole dia.) 5 colour options

▶ **Rectangular Style:**
7 sizes from 12mm x 25mm to 63mm x 76mm 6 colour options

Service temp: -20˚C - 100˚
Application temp: 10˚C - 100˚C
Average outdoor durability: up to 10 years
Agency approvals: (UL) RoHS cUL

Costs up to 80% less than engraved legend plates!

Cold Temperature Application Material (B-549)
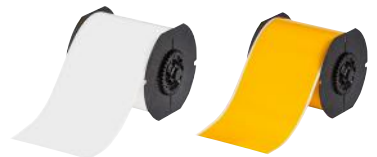
- Special adhesive permanently adheres to extremely cold surfaces
- Can be applied in -23˚C and lasts in -40˚C
- Ideal for cold storage warehouses, coolers, freezers and short-term winter outdoor use

▶ **Continuous tape from 28mm to 100mm widths 2 colour options**

Service temp: -40˚C to 100˚C
Application temp: -23˚C to 100˚C
Average outdoor durability: up to 1 year

Printable Magnetic Supply (B-509)

- Easiest and quickest material for removing and repositioning
- Non-adhesive magnetic material that can be printed on directly
- Ideal for reusable, repositionable and lean / 5S identification applications

▶ **Continuous media from 63mm to 107mm widths 2 colour options**

Service temp: -17°C to 70°C
Average outdoor durability: 3–5 years

Repositionable Vinyl (B-581)

- Aggressive adhesive stays in place but removes cleanly without leaving adhesive residue
- Ideal for temporary, removable and repositionable labels, such as 5S and lean inventory labels

▶ **Continuous tape from 12mm to 100mm widths 2 colour options**

Service temp: -40°C - 82°C
Application temp: 10°C- 82°C
Average outdoor durability: 5 years

ToughWash® Washdown Resistant Labels (B-854, B-855)

- Withstands high pressure, heat, harsh chemicals and numerous washdown cycles
- B-854 offers metal detectable layer for detecting foreign debris in food stream
- Legible and long-lasting for even the toughest washdown cycles
- Ideal for use in the food & beverage industry

▶ **3 header labels sized at 100mm x 150mm**
2 continuous blank colours from 28mm to 100mm wide

Service temp: -40°C to 110°C
Agency approvals: RoHS

Find materials or download the Label and Ribbon Guide at **www.BradyID.com.au/B30Labels**

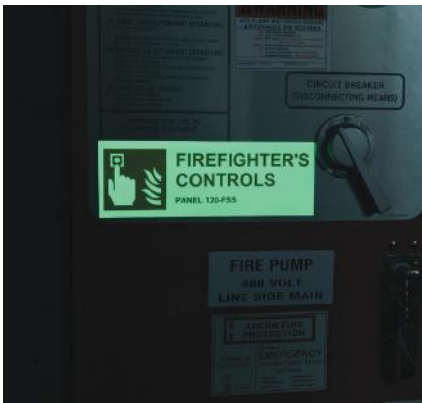# ToughStripe® Printable Floor Marking Tape (B-483 with overlaminate)

- Revolutionary B-483 material has ultra-aggressive adhesive
- Withstands forklift and pallet jack traffic without tearing or lifting
- Easy 3-step process: print label, position on floor, apply overlaminate
- Each roll ships with a roll of clear overlaminate which must be applied over printed label and onto appropriate surface for best performance

▶ **Continuous tape from 28mm to 100mm widths 7 colour options**

Service temp: -40°C to 120°C
Agency approvals: (UL) (CSA)®

BradyGlo™ High-Intensity Photoluminescent Tape (B-526)

- For glow-in-the-dark identification up to 10 hours
- Designed for directional, evacuation and equipment marking
- Ideal for marking emergency utility shut-offs, fire extinguishers, alarm pulls and vital equipment controls
- Complies with indoor use requirements specified in RS 6-1 and 6-1A of New York Local Law 26

▶ **Continuous tape from 28mm to 100mm widths Luminous green colour**

Service temp: -40°C to 60°C
Application temp: 4°C to 60°C

Non-Adhesive Tags (B-551)

- Non-adhesive semi-rigid plastic in pre-cut and continuous styles
- Pre-cut with hole and chamfered corners
- Micro-perforated between tags to separate cleanly

▶ **Die-cut tags 82mm x 146mm Continuous media from 63mm x 107mm wide 3 headers and 1 blank colour options**

Service temp: --40°C to 89°C
Average outdoor durability: up to 2 years

Product ID Materials

- A variety of polyester and specialty materials in wide 100mm format rolls
- Ideal for smaller volume custom Product ID and general industrial labels
- Proven materials with agency approvals for Product ID and asset tracking applications

▶ **Continuous tapes in 100mm widths 6 colour options**

Material	Colour	Service temp	Compliance
B-424: Paper	Matte bright white	-40˚C to 51˚C	RoHS
B-423: Polyester with standard adhesive	Gloss white	-70˚C to 120˚C	UL RoHS SP
B-428: Metallised polyester with standard adhesive for smooth surfaces	Matte silver	-40˚C to 145˚C	UL RoHS SP
B-432: Polyester with stronger adhesive	Clear	-40˚C to 100˚C	UL RoHS SP
B-434: Metallised polyester with stronger adhesive for textured surfaces	Gloss silver	-40˚C to 90˚C	UL RoHS SP
B-437: Tedlar® for high-temp labelling & cable wraps		-70˚C to 135˚C	RoHS
B-480: Non-metal polyester with rubber-based adhesive for oily/greasy surfaces	Satin light grey	-70˚C to 120˚C	UL RoHS
B-483: Polyester with ultra-aggressive adhesive for rough surfaces	Gloss white	-70˚C to 120˚C	UL RoHS SP
B-484: Polyester with ultra-aggressive adhesive and pliability for angular surfaces	Gloss white	-40˚C to 115˚C	UL RoHS
B-489: Polyester with ultra-aggressive adhesive for rough surfaces	Matte white	-70˚C to 120˚C	UL RoHS SP
B-488: Polyester with standard adhesive and chemical resistance	Matte white	-40˚C to 160˚C	RoHS SP
B-486: Metallised polyester with ultra-aggressive adhesive for rougher surfaces	Matte silver	-40˚C to 120˚C	UL RoHS SP
B-498: Vinyl Cloth	Semi-gloss white	-40˚C to 79˚C	UL RoHS SP
B-565: Metallised polyester with standard adhesive	Matte silver	-40˚C to 115˚C	RoHS
B-595: Indoor/outdoor vinyl	Semi-gloss white	-40˚C to 82˚C	RoHS
B-724: Polyimide label for extremely high temperatures	Matte amber	-70˚C to 270˚C	RoHS
B-727: Polyimide label for standard temperatures	Gloss white	-70˚C to 100˚C	UL RoHS
B-787: Polyvinylflouride tape	Gloss white	-70˚C to 100˚C	RoHS

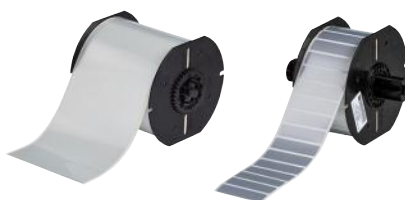## Metallised Polyester Labels (B-428, B-434, B-486, B-565)

- For product labelling, asset tracking and general industrial ID
- Ideal for serial number plates and rating plates with name-plate quality and metal-looking finish
- 3 adhesive strengths/gloss configurations and sizes to meet your needs

▶ **Continuous tapes in 100mm widths Die-cut labels up to 76mm x 50mm**

B-428: Service temp: -40˚C to 145˚C   **Agency approvals:** UL RoHS SP
B-434: Service temp: -40˚C to 90˚C   **Agency approvals:** UL RoHS SP
B-486: Service temp: -40˚C to 120˚C   **Agency approvals:** UL RoHS SP
B-565: Service temp: -40˚C to 115˚C   **Agency approvals:** RoHS

Find materials or download the Label and Ribbon Guide at **www.BradyID.com.au/B30Labels**

Create complex labels with intuitive software

When you have more complex identification projects, connect the BradyPrinter S3100 to your PC and create labels with the intuitive **Brady Workstation software**.

This software is a combination of applications and software suites that are designed to help you easily create and print labels for a variety of applications in your facility. These apps and suites are tailored to make specific identification tasks throughout your facility fast and easy so you can complete the job with ease.

Apps

Developed with built in regulations, standards, pictograms, common phrases, data importation guidance, help functions and more, you have the tools you need to create labels for nearly any application.

▶ **Download your free 30-day trial!**

1. Download Brady Workstation at workstation.bradyid.com
2. Fill your workstation with individual apps or an entire suite
3. Save time by quickly designing labels and printing

Suites

Choose from a variety of suites that combine various sets of apps to meet your labelling needs.

Safety and Facility Identification Suite

Keep your facility safe and compliant with this suite. This software makes it easy to create custom signs, labels and pipemarkers to add visual safety guidance to your facility.

Automation Suite

Get the power to fully automate your label printing with this suite Easily set up templates and import data to make label creation an automated and error-free process.

Print Partner Suite

This suite includes everything you need to fill in your templates and print, including importing data from a variety of supported data sources or automatically generating sequential data for your labels.

Learn more about these and other apps and suites at Workstation.BradyID.com

Technical Support

Feel confident that your BradyPrinter S3100 is covered by Brady's 5 year bench top printer warranty. You'll benefit from our staff of support and repair technicians for troubleshooting support, set-up assistance and how-to-guidance an repairs services, so you can get back to work. .

📞 1800 620 816

📠 1800 805 076

🌐 www.bradyid.com.au

Printer Specifications

Automatic label set up	Yes
Barcode capability	Barcode capable
Calibration required	No
Colour printing capability	Single colour
Custom media parts available	No
Dimensions	241mm H x 304mm W x 260mm D
Display size	155mm W x 91mm H
Estimated media changeover time	20 seconds
Font sizes	1.27mm to 88.9mm text
Maximum printed label length	1.5 metres
Maximum label/tape width	107mm
Maximum print speed	76mm per second
Maximum print width	100mm
Minimum label length	12mm
Number of symbols	247
Special characters quantity	95
Power supply voltage	220 to 240 volts
Print multiple copies	Yes
Print preview feature	Yes
Print resolution	300 dpi
Warranty	5-years
Weight	9kg
Applications	Arc flash labels, arrow tape, chemical labelling, cold-temperature labelling, equipment marking, facility & safety ID, floor marking, GHS & chemical labels, glow-in-the-dark labels, hazardous material labelling, Lean/5S, lockout tagout labelling, machine tool labelling, material handling labelling, pipe & valve marking, plant maintenance labelling, safety & compliance ID, secondary container chemical labelling, visual workplace labeling
Barcode symbologies linear	Code 128 auto, code 39, EAN/JAN-13, interleaved 2 of 5 UPCA, more through Brady Workstation
Barcode symbologies - 2D	PDF 417, QR Code, more through Brady Workstation
Label material types	Indoor/outdoor grade vinyl, tamper-evident metallised polyester, pre-printed header material, cold temperature tape, low-halide polyester, magnetic supply, metallised polyester tape, photoluminescent tape, polyimide, polypropylene, pre-printed GHS/CLP labels, pre-printed sign header labels, push button and raised panel labels, reflective tape, repositionable vinyl, right-to-know chemical labels, tags, ToughStripe® floor marking tape, ToughWash® washdown resistant labels, ToughWash® washdown resistant tape
Connectivity options	Ethernet, USB, Wi-Fi
Continuous & die-cut materials supported	Continuous tapes and die-cut labels
Cutter type	Auto cutter
Display type	Colour touchscreen
Font styles	Arial, Arial 65, Courier New, Tahoma, Times New Roman
Includes	Cleaning kit, cutter cleaning tool, documentation holder, power cable, printer, quick start guide, stylus, mouse, USB cable
Keyboard type	Full size QWERTY
Kits available	Yes
Label/media format	Cartridge
Built-in label wizards	Arc flash, custom label, general templates, GHS/CLP, pipe marker, premade labels, right-to-know, tags, WHMIS
Languages available	English, Korean, Traditional Chinese, Simplified Chinese, Bulgarian, Czech, Danish, German, Spanish, Finnish, French, Hungarian, Italian, Dutch, Norwegian, Polish, Portuguese, Romanian, Russian, Slovakian, Slovenian, Swedish, Turkish, Estonian, Croatian
Maximum labels per day	600 50 x 100mm labels per day, 300 larger labels per day, 8hrs / 5 days
Media sensor type	Notch
Memory	256 MB

BradyPrinter S3100
SIGN & LABEL PRINTER

Printer Part Numbers

Part No.	Catalogue #	Description
149121	S3100-W	BradyPrinter S3100 sign & label printer - Wi-Fi
	Accessories	
120994	120994	Rolling case w/ handle and supplies pockets
142114	B31-WIPER	5 pack of extra media wipers
142116	B31-CCT	Cutting cleaning tool
33969	PCK-6	50 pack of cleaning swabs pre-soaked in IPA
149565	STYLUS-CAP	Stylus
142117	B31-DC	Dust Cover

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