BRADY GO INDUSTRIAL

Experience easy.
No setup. No adjustments. No waste.

BradyPrinter i5300 Industrial Label Printer

Seriously easy. Really.

When you're focused on efficiency, every process counts, including the steps it takes to print. So why not make it easier? With the BradyPrinter i5300 Industrial Label Printer, you get a smoother and more intuitive experience. Set up, store print jobs and print — easily — and let simplicity drive your efficiency.

- **No waste** — prints on the very first label to maximise material use and cut costs
- **Fast setup** — 20-second material changeovers and drop-lock-print technology
- **Precision** — excellent small-font sharpness and print placement on smaller labels
- **Time-saving features** — prints faster and pauses and resumes jobs if interrupted
- **On-printer label storage** — saves 1,000s of labels with overwrite protection to printer
- **Performance-plus construction** — ideal for printing both high-volume and high-mix jobs


BRADY
Supply Jam
2-88509-102-109 REV C
BradyPrinter i5300
2-88509-102-101 REV C
2-88509-102-100 REV C
2-88509-102-100 REV C
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2-88509-102-097 REV C

The right printer for the way you work

Automatically fine-tuned, simple and intuitive

Precision printing with 20-second material changeovers and zero waste

BradyPrinter i3300 Industrial Label Printer

Zero calibration, zero wasted labels. A no-fuss, mid-volume industrial printer using revolutionary B30 / B33 drop-in ribbons and label rolls that change out in 20 seconds with no manual adjustments for energy, speed or sensor placement. Ideal for high-mix printing, the i3300 includes a built-in auto cutter and prints on a wide range of materials, including labels as small as 6.35mm. So simple and intuitive, you'll wonder how you ever printed efficiently without it.

(300 dpi)

BradyPrinter i5300 Industrial Label Printer

Zero calibration, zero wasted labels, with higher-volume duty cycle and ultra-precise printing. Prints on a very wide range of B30 / B33 materials with exceptional accuracy on labels as small as 5.08mm. For ultimate high-mix printing with 20-second no-adjustment material changeovers, built-in auto-cutting and optional save-to-printer job lists for a quick way to print commonly used labels, and overwrite-protected labels away from the PC. When you're focused on efficiency, every process counts — let simplicity drive your productivity.

(300 dpi or 600 dpi)

Manually fine-tuned and technical

Customise printing one setting at a time and use specialty print modes

BradyPrinter i5100 Industrial Label Printer

Mid-volume printer that detects installed Brady parts, advises how to set the sensor and provides auto-setup in Brady software. Its enhanced communication makes high-mix labelling faster and more intuitive. Prints on a wide range of materials including labels as small as 5.08mm. An optional auto-cut model is available.

(300 dpi or 600 dpi)

BradyPrinter i7100 Industrial Label Printer

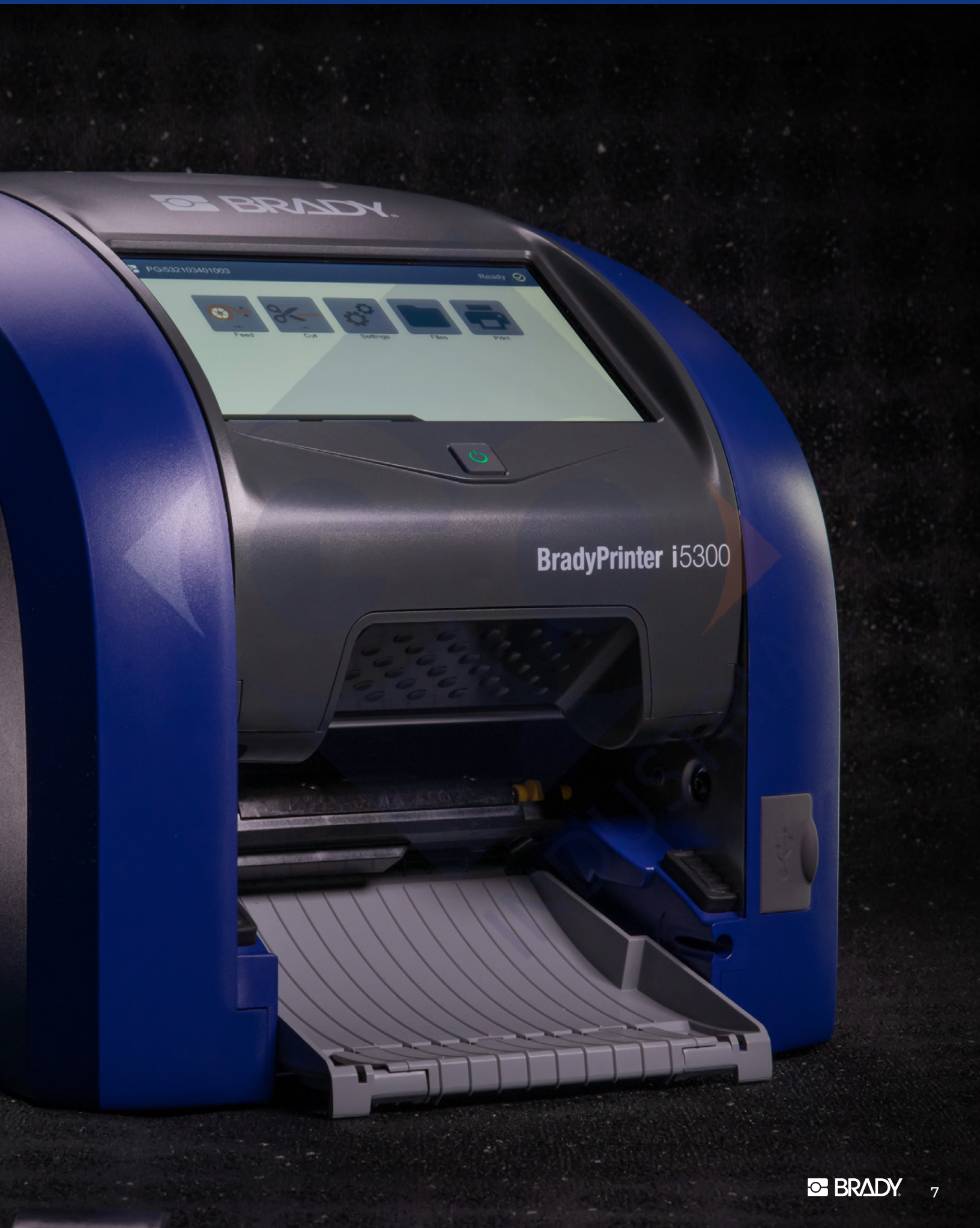
Both heavy-duty and precise, here's a printer that can go the distance. It prints on a very wide range of materials, including labels as small as 3.17mm. Printing and setup are manually fine-tuned and optional auto-peel, internal rewind and autocut models are available.

(300 dpi or 600 dpi)

Printer Options

Reference	
880134	BradyPrinter i5300, 300 dpi, Wi-Fi, Brady Workstation PWID Software Suite
880135	BradyPrinter i5300, 600 dpi, Wi-Fi, Brady Workstation PWID Software Suite

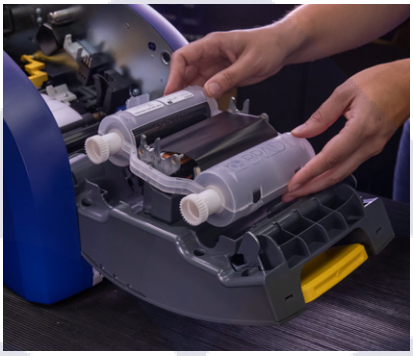
The above part number descriptions do not reflect complete product data — refer to the specification sheet for complete details.
i5300 printers accept all B30 / B33 series version V2 media.


BRADY
PGi5321034010003
Ready
Feed
Cut
Settings
Files
Print
BradyPrinter i5300

Key features

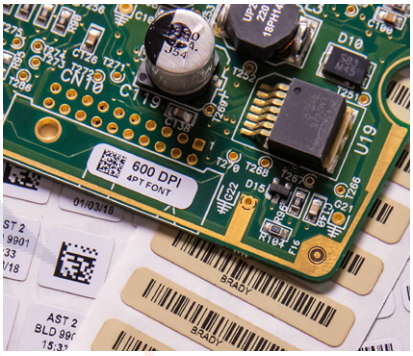
No wasted labels – prints on the first one

No calibration is required, so there are no wasted labels and no trial and error during setup.



20-second supply changeovers

There are no sensor, heat or speed adjustments. Just drop, lock and print to reduce setup time.



300- and 600-dpi print-resolution models

Prints small fonts with excellent precision and accuracy for electronics, product and laboratory identification.

1-click label part recognition and setup

Software, printer and materials communicate to allow 1-click auto setup of labels.

Faster print speeds for all job sizes

Get efficient, large-job printing with better performance and higher throughput.

Rugged construction for mid to high volumes

Metal-frame construction and internal print engine are designed for high performance.

BradyPrinter i5300

Industrial Label Printer

Easy. Inside and out.

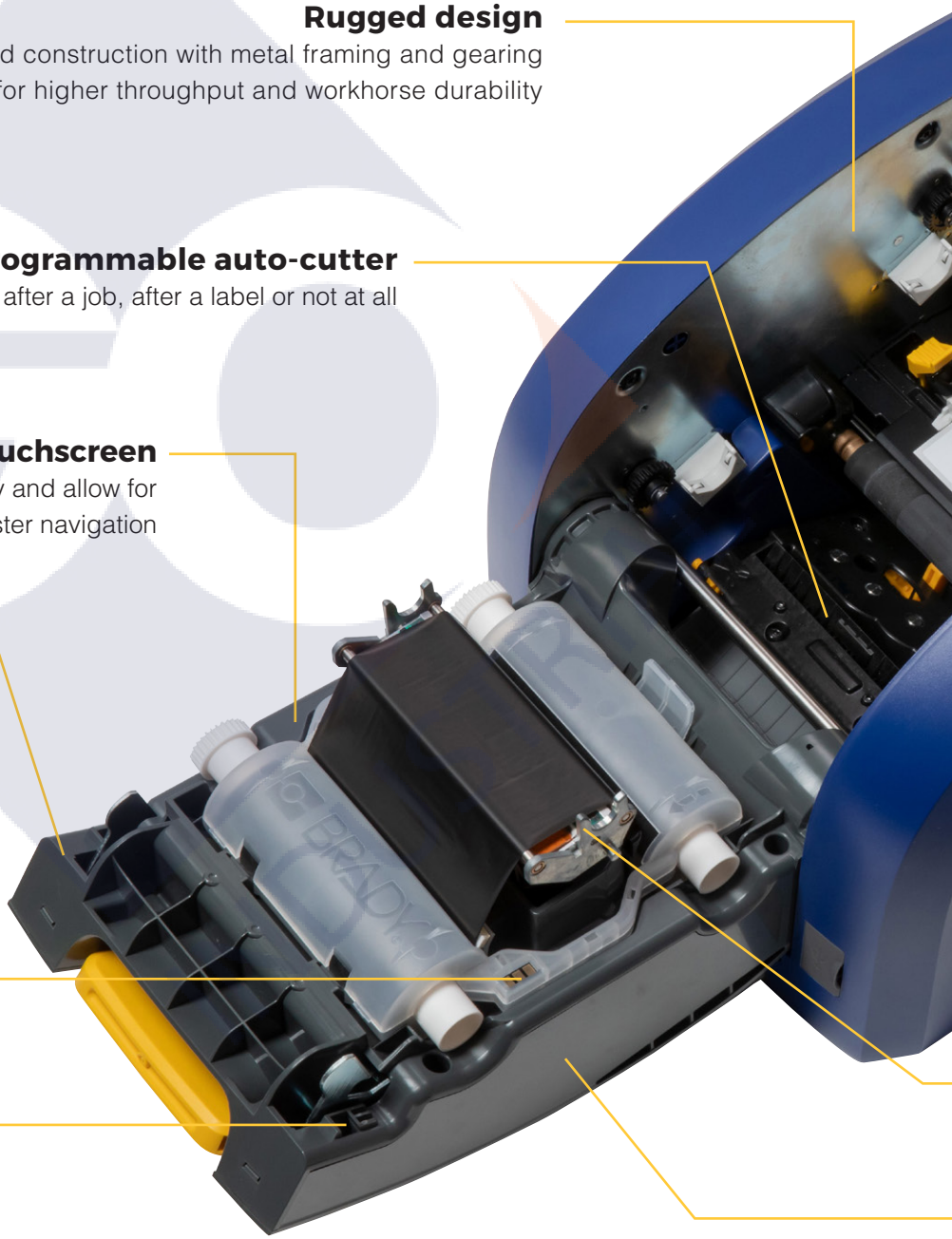
When it comes to the BradyPrinter i5300 Industrial Label Printer, everything's easy. Taking just seconds to set up and load, it offers a faster, easier start-to-print process. That's because it's designed for efficiency — no setup, no adjustments and no waste. Zero. Enjoy time-saving features like a print queue and interrupt function. Plus, get precision printing on 1,300 parts. All this so you can reach your high-mix, high-volume printing goals. Ready? We told you it was going to be easy.

Rugged design
Solid construction with metal framing and gearing for higher throughput and workhorse durability

Built-in, programmable auto-cutter
Cuts off material after a job, after a label or not at all

Big 18cm colour touchscreen
Large icons are user-friendly and allow for faster navigation

Intuitive interface
Communicates installed part numbers, remaining supply, status, in-job navigation and label preview



Smart media rolls
PrintSmart Technology pre-optimises speed, heat, size and ribbon / material-pairing settings, eliminating trial and error and wasted materials

Media guides and integrated sensors
Sensors automatically align when guides squeeze together — no adjustments, and no alignment trial and error

5.08mm to 101.6mm label widths
Prints small labels for electronics and laboratories, and also larger labels up to 101.6mm wide

Easy loading; 20-second changeovers
Labels and ribbons drop in with no thread-through, orientation checks or wasted materials

Double-side wire sleeve printing
External feed slot and print app enable 2-pass printing for double-side heat-shrink sleeves

Fast print speed
Auto-set at 25 to 254mm per second, but user-override allows for faster printing

Connectivity and ports
3 USB ports and Ethernet, with optional Wi-Fi / Bluetooth

Field-replaceable print roller
Easily replace a damaged or worn roller to ensure optimal print quality

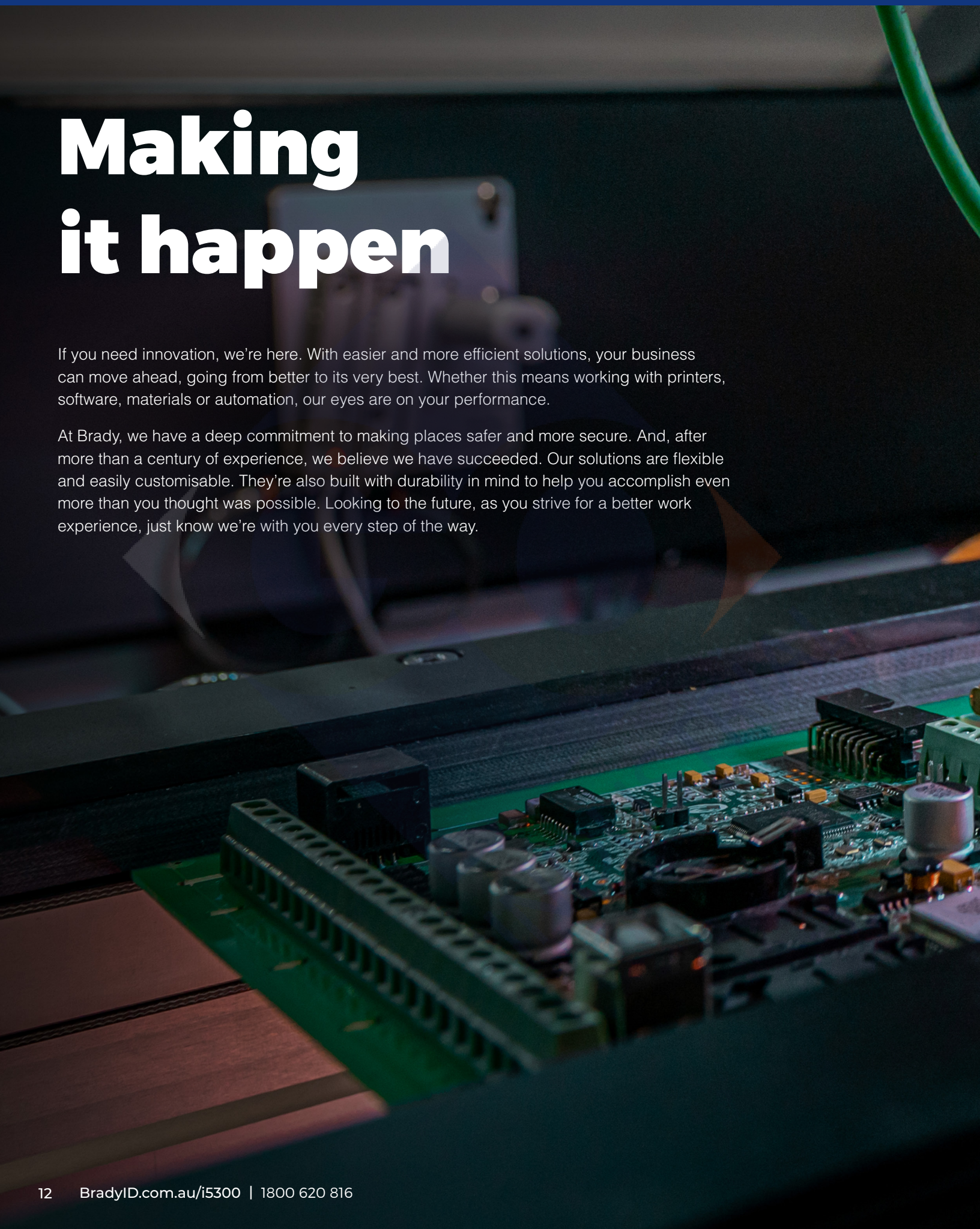
Field-replaceable printhead
Tool-less printhead replacement using a single-release pin and connectors (replace with same dpi printhead only)

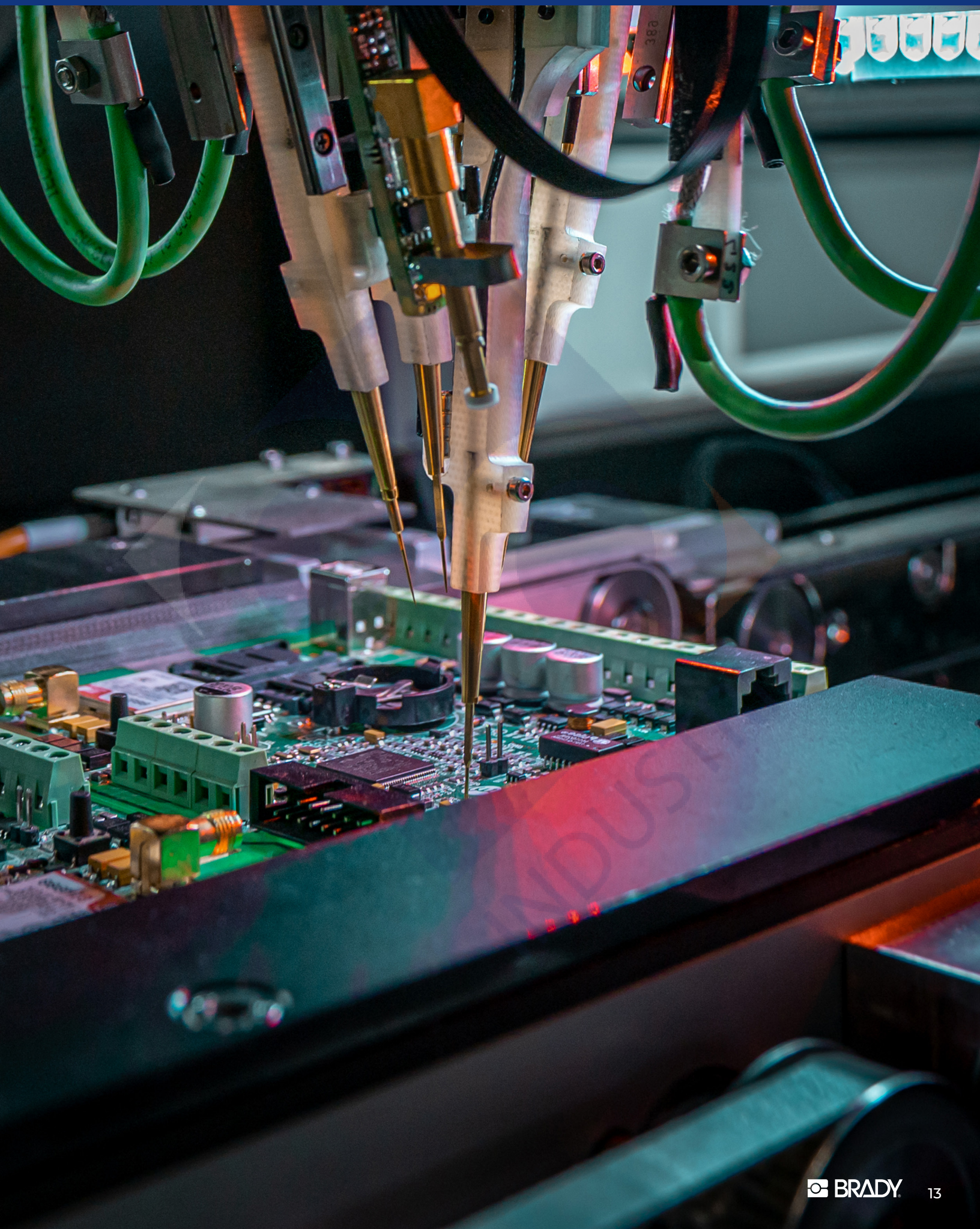
Print queue
Print immediately, store or customise the order in which jobs print

Making it happen

If you need innovation, we're here. With easier and more efficient solutions, your business can move ahead, going from better to its very best. Whether this means working with printers, software, materials or automation, our eyes are on your performance.

At Brady, we have a deep commitment to making places safer and more secure. And, after more than a century of experience, we believe we have succeeded. Our solutions are flexible and easily customisable. They're also built with durability in mind to help you accomplish even more than you thought was possible. Looking to the future, as you strive for a better work experience, just know we're with you every step of the way.






BRADY
BradyPrinter i5300
Part Y33401
3" J-Clamps - galvanized


PERMASLEEVE 187
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VACUUM 2 ON
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GAS TO LINE A

Going the distance

At Brady, we go the distance to make sure you get what you need. Whether it's field work or lab work, we've got materials for every application.

Barcodes, images, small text — your most important information needs to stay put in any type of environment. From freezing temperatures to blistering heat, when used with solvents or in outer space, simply put, Brady materials are all about high performance. Our scientists make sure of it. Brady's R&D program focuses on solutions that bring durability, flexibility and efficiency to every workday.

We offer hundreds of labels, so be sure to browse through the entire collection. And, as always, let us know if you need more.

Materials for every application

Successful projects start (and end) with Brady materials. Optimum performance and durability are assured with each.

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-342	PermaSleeve® Heat-Shrink Sleeves	Heat-shrinkable polyolefin wire and cable marking sleeve with a 3:1 shrink ratio. Fade-resistant and flame-retardant industrial, military grade sleeve.	○ ●	•		•		-55° to 135°C	UL RoHS	44, 45
B-344	PermaSleeve® Fluid Resistant Heat-Shrink Sleeves	Heat-shrinkable, fluid-resistant polyolefin wire and cable marking sleeve with a 2:1 shrink ratio. Designed for exposure to fluids, lubricants and harsh chemicals such as in the installation of hydrogen fuel cells in aerospace.	○ ●	•		•		-55° to 135°C	RoHS	46
B-345	PermaSleeve® High Temp Heat-Shrink Sleeves	Heat-shrinkable, high-temperature PVDF wire and cable marking sleeve with a 3:1 shrink ratio. Designed for high- temperature and low-outgassing applications.	○ ●	•		•		-55° to 225°C	RoHS	47
B-403	Water-Dissolvable Paper	White water-dissolvable paper label for temporary labelling applications that require easy cleaning. Ideal for laboratory glassware.	○	•		•		-70° to 50°C	RoHS	62
B-413	Matte Faux Metallised Polyester	Silver polyester label with a strong, permanent adhesive and a metal appearance, but NON-METAL construction. Adhesive designed for flat surfaces that are textured or require increased adhesion. Ideal for non-metal applications for PCB and component identification, rating plates and product labels.	●	•		•		-70° to 120°C	UL cUL RoHS	23, 28
B-414	BradyGrip® Print-on Hook Material Featuring VELCRO® Brand Hook	Printable hook label material that affixes to VELCRO® Brand ONE-WRAP® rolls (sold separately). Ideal for repositionable and reusable cable bundle markers.	○		•		•	-40° to 50°C	RoHS	41
B-417	High Adhesion Self-Laminating Vinyl	Translucent vinyl label with extra strong permanent adhesive. The adhesive is designed to adhere in high humidity conditions, on smaller diameter wires and on challenging wire jacket materials, including Teflon, Silicone, braided and traditional PVC. Self-laminating formats feature a white printable zone and a non-printable clear tail that wraps around a wire, cable or tube to cover the printed, text offering protection from abrasion, water, oil and solvents.	⊘	•		•		-70° to 70°C	UL RoHS	40
B-422	High Adhesion Multi-Purpose Polyester	Polyester with a high-gloss finish and a stronger, 2-mil permanent acrylic adhesive. Adhesive is designed for flat surfaces that are textured or require increased adhesion. Ideal for barcoding, asset tracking, product labels and post-process PCB electronic component labelling.	○	•			•	-40° to 100°C	UL RoHS CSA	24, 39
B-423	Multi-Purpose Polyester	Polyester with a high-gloss finish and a permanent acrylic adhesive. Excellent image quality and widely used for barcoding, asset tracking, product labels and post-process PCB electronic component labelling. Adheres best to flat surfaces. UL-rated for surfaces commonly used in solar panel manufacturing.	○	•			•	-70° to 120°C	UL RoHS CSA	22
B-423/ B-966B	PermaShield™ Overlaminating Polyester	The PermaShield™ construction is supplied as a standard B-423 polyester label with matching B-966B clear polyester overlaminate mounted beneath the label. The label is printed, removed from liner and applied to surface, and then the overlaminate is removed and applied over the label protecting printed text.	○	•			•	-70° to 120°C	RoHS	31
B-424	Paper	Bright white paper label with a permanent latex adhesive. Excellent barcode read rates. Ideal for labelling applications requiring a low-cost, general-purpose labelling material.	○	•		•		-40° to 50°C	RoHS	32
B-425A	Chemical Resistant Matte Polypropylene	Polypropylene label with a permanent adhesive and excellent solvent resistance and print performance. Fuel-, oil-, chemical- and low-temperature resistant.	○	•		•		-70° to 100°C	RoHS	30, 55
B-427	Self-Laminating Vinyl	Translucent vinyl label with a permanent adhesive. Self-laminating format features a white printable zone and a non-printable clear tail that wraps around a wire, cable or tube to cover the printed text. Offers protection from abrasion, water, oil and solvents. Material conforms well to curved and rounded surfaces.	○ ⊘	•		•		-70° to 70°C	UL RoHS	40, 41
B-428	Metallised Matte Polyester	Matte metallised polyester with a permanent adhesive. Light grey, matte appearance. Adheres best to flat surfaces. Ideal for rating plates on products and panels, and general-purpose product labels.	●	•		•		-40° to 145°C	UL RoHS CSA	28
B-428/ B-966B	PermaShield™ Overlaminating Metallised Polyester	The PermaShield™ construction is supplied as a standard B-428 metallised polyester label with matching B-966B clear polyester overlaminate mounted beneath the label. The label is printed, removed from liner and applied to surface. Then the overlaminate is removed and applied over the label to protect printed text.	●	•		•		-40° to 145°C	RoHS	31
B-430	Multi-Purpose Clear Polyester	Clear polyester with a high-gloss finish and a 1-mil permanent acrylic adhesive. It has excellent image quality and adheres best to flat surfaces.	⊘	•			•	-40° to 145°C	UL RoHS CSA	23

For further ribbon compatibility related to UL / CSA, see pages 65-66 or refer to Brady Tech Data Sheet for complete material performance specifications

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-432	High Adhesion Multi-Purpose Clear Polyester	Clear polyester with a high-gloss finish and a stronger, 2-mil permanent acrylic adhesive. It has excellent imaging quality and is designed for flat surfaces that are textured or require increased adhesion.	⊘	•			•	-40° to 100°C	UL RoHS CSA	24
B-434A	Metallised High Adhesion Polyester	Glossy metallised polyester with a stronger, 2-mil permanent adhesive. It has a high-gloss, silver appearance with excellent image quality. Adhesive is designed for flat surfaces that are textured or require increased adhesion. Ideal for rating plates, general-purpose product labels and asset tracking labels.	●	•			•	-40° to 90°C	UL RoHS CSA	29, 38
B-435A	Metallised Polyester	Glossy metallised polyester with a 1-mil permanent adhesive. It has a high-gloss, silver appearance and excellent imaging quality. It adheres best to flat surfaces and is ideal for rating plates and general-purpose product labels.	●	•			•	-40° to 90°C	UL RoHS CSA	28
B-437	Self-Extinguishing Tedlar®	Heavy-duty Tedlar® label material with self-extinguishing features for wire and cable wrapping. It has excellent resistance to water, oil, chemicals and abrasion.	○●	•		•		-70° to 135°C	RoHS	43
B-438	Checkerboard Pattern Tamper Evident Matte Metallised Polyester	Tamper-indicating, metallised polyester label that leaves an aggressive checkerboard adhesive pattern on the surface if label is removed. It has a matte, silver appearance with has excellent imaging quality for text, barcodes and symbols. It is designed for rating and serial plates, asset tracking labels and product ID such as warranty labels when anti-tampering and tamper-indicating features are desired.	●	•		•		-40° to 40°C	UL RoHS CSA	30
B-439	Multi-Purpose Vinyl	Indoor- and outdoor-grade vinyl with a high-tack permanent adhesive. It is extremely pliable and highly conforming to rough and irregular surfaces, and has good chemical and abrasion resistance. Ideal for general-purpose labelling applications.	○	•			•	-70° to 80°C	RoHS	31, 58
B-443	High Adhesion Hi-Temp Self Extinguishing Matte Polyester	Very durable matte polyester with excellent high-temp resistance and superior resistance to fluids and chemicals that are not high in pH value. Short term temp resistance to 210° C. Features a hybrid acrylic-rubber-based permanent adhesive and is self-extinguishing.	○	•		•		-70° to 120° C	UL	27
B-461	Self-Laminating Cryogenic Polyester	Ultra-thin profile label with a white printable area and a clear self-laminating tail. The clear label protects print and allows visibility of liquid level in a vial. It has excellent smudge resistance and solvent resistance, and performs well in laboratory environments with liquid nitrogen, autoclave, freezer and hot water bath applications when laminated around itself.	⊘	•		•		-195° to 160°C check TDS for specific applications	RoHS	60
B-472	High Temp Flame Retardant Polyimide	Heavy-duty, high-temperature label designed to self-extinguish and prevent flames from propagating. This material is flexible, conforming and repositionable for wire and cable wrapping where high-temperature and self-extinguishing properties are required. Excellent resistance to water, oil, chemicals and abrasion.	○●	•		•		-70° to 160°C	RoHS	43
B-473	Electrostatic Dissipative Polyester	Glossy polyester label that is ideal for post-process labelling of circuit boards and electronic components. Features both a static dissipative permanent adhesive and a static dissipative release liner. Surface resistivity values are in the recommended range for ESD packing materials. Meets requirement of EIA-541 "Packaging Material Standards for ESD Sensitive Items". This material is ideal for circuit board and component identification, and is fuel, oil, chemical, high- and low-temperature resistant.	○	•			•	-40° to 120°C	UL RoHS UL	27
B-481	StainerBondz™ Microscope Slide Polyester	Designed as a label for microscope slides that are exposed to laboratory staining processes. This material is chemical resistant.	○	•		•		-80° to 130°C	RoHS	59, 62
B-483A	Ultra High Adhesion Multi-Purpose Polyester	Polyester with high-gloss finish and ultra-aggressive, permanent acrylic adhesive. Designed for very high adhesion to flat but highly textured or powder-coated surfaces and low-surface-energy surfaces. Gloss version of B-489.	○	•			•	-40° to 120°C	UL RoHS CSA	25, 38, 39, 59
B-484A	Flexible High Adhesion Multi-Purpose Polyester	Polyester with a glossy finish and a stronger, permanent acrylic adhesive. Similar to B-483, but with a thinner construction to facilitate high adhesion to flat, curved or angular surfaces, and surfaces that are textured, powder coated or low-surface energy.	○	•			•	-40° to 120°C	UL RoHS	24, 39
B-486B	Ultra High Adhesion Metallised Matte Polyester	Matte metallised polyester with an ultra-aggressive, permanent adhesive. It has a ight grey, matte appearance. Designed for very high adhesion to flat but highly textured or powder-coated surfaces and low-surface-energy surfaces. Ideal for panel rating plates, product labels and asset-tracking labels.	●	•		•		-40° to 120°C	UL RoHS CSA	29, 38
B-489A	Uttra High Adhesion Multi-Purpose Matte Polyester	Matte polyester with an ultra-aggressive, permanent adhesive. It is designed for very high adhesion to flat but highly textured or powder-coated surfaces and low-surface-energy surfaces. Matte version of B-483.	○	•		•		-70° to 120°C	UL RoHS CSA	25
B-490	FreezerBondz™ Cryogenic Polyester	FreezerBondz™ material is designed for use in laboratory identification, including liquid nitrogen and freezer applications. Adheres to room-temperature, frozen or frosted tubes and vials when wrapped around itself by at least 3mm.	○	•		•		-195° to 160°C check TDS for specific applications	RoHS	60

For further ribbon compatibility related to UL / CSA, see pages 65-66 or refer to Brady Tech Data Sheet for complete material performance specifications

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-492	FreezerBondz™ Ultra-Thin Cryogenic Polyester	Ultra-thin FreezerBondz™ material is designed to withstand extreme labeoratory temperatures, including liquid nitrogen and freezer applications. Adheres to room-temperature, frozen or frosted tubes, vials and canes.	○	•		•		-195° to 110°C check TDS for specific applications	RoHS	60
B-494	Coloured Lab Polyester	Glossy white polyester with a pre-printed coloured border. This material allows for differentiation and colour coding of test specimens within processes. In vial and vial top configuration, the vial top label is a solid colour. Withstands freezer applications and has superior chemical resistance when printed with the Brady Series R6400 black ribbon.		•			•	-195° to 70°C	RoHS	61
B-498	Repositionable Multi-Purpose Vinyl Cloth	Vinyl cloth with an aggressive and repositionable adhesive for wire and cable wraps and general-purpose labelling applications. Label adheres with excellent holding power, yet can be easily and cleanly removed and repositioned.	○		•		•	-40° to 79°C	UL RoHS	39, 42, 58
B-499	High Adhesion Multi-Purpose Nylon Cloth	Nylon cloth with a permanent adhesive for wire and cable wraps and general-purpose labelling applications. It has a higher upper-temperature limit than vinyl wire labels. Ideal for environments where heat, cold, oil and dirt are present. Also ideal for laboratory vial identification.	○	•			•	-40° to 110°C	UL RoHS CSA	39, 42, 58, 61, 63
B-509	Magnetic Polyester (repositionable)	A thick, non-adhesive magnetic material with a printable vinyl topcoat. The easiest and quickest material for repositioning and reusing labels.	○		•	•		-17° to 70°C	RoHS	56
B-526	BradyGlo™ High Intensity Glow-in-the-Dark Polyester	Printable BradyGlo™ photoluminescent polyester tape is for glow-in-the-dark identification for up to 10 hours. Ideal for marking emergency shut-offs and controls markings, supplemental evacuation labels and marking emergency equipment.		•			•	-40° to 60°C	RoHS	55
B-549	Cold Temperature Application Multi-Purpose Polyester	Cold-temperature polyester material permanently adheres to frozen surfaces. Can be applied in temperatures as low as -23°C, and stays adhered in -40°C temperatures.		•		•		-40° to 100°C	RoHS	56
B-551	Heavy Duty Non-adhesive Tag Stock	A durable, non-adhesive plastic tag material. Ideal for safety and general-purpose industrial hang-tags, as well as lockout tagout applications.	○	n/a	n/a	•		-40° to 89°C	RoHS	51
B-569	Low-Halide Multi-Purpose Polyester	Low-halide polyester label material with a permanent adhesive. It is designed for stainless steel pipes and stainless steel surfaces, and is best suited for smooth, clean, flat surfaces.		•			•	-40° to 100°C	RoHS	53, 57
B-581	Repositionable Multi-Purpose Vinyl	Durable vinyl label with repositionable adhesive.			•	•		-40° to 82°C	RoHS	56
B-584	All-Weather Reflective	Printable retroreflective tape. This is highly reflective material that shines back brightly when struck by light. Ideal for low-light and inclement-weather viewing applications.		•			•	-40° to 70°C	RoHS	55
B-593	Raised Profile Foam-backed Polyester	High-gloss polyester label with a thick, raised profile and an ultra-aggressive permanent adhesive. Designed as a high-performance low-cost alternative to engraved plates and push-button labels on panels and enclosures. Ideal for labelling small components inside panels.		•			•	-20° to 100°C	UL cUL RoHS	36, 37, 39
B-595	All Weather Vinyl	Indoor- and outdoor-grade vinyl with a permanent adhesive in a wide range of colours. Durable, pliable and highly conforming to rough and irregular surfaces.		•			•	-40° to 82°C	RoHS	51, 52, 58, 63
B-618	Multi-Purpose Matte Polyester	Matte polyester for general-purpose applications requiring good solvent and heat resistance.	○	•		•		-70° to 120°C	UL RoHS	22
B-717	Electrostatic Dissipative Polyimide	Glossy 2-mil low-profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner. Designed for use in circuit board and electronic component pre-process labelling. UL Recognised to UL969 standard for labelling and marking when printed with the Brady Series R6000 Halogen Free ribbon.	○	•			•	-70° to 300°C check TDS for temp duration details	UL RoHS	34
B-718	Ultra-Thin Electrostatic Dissipative Polyimide	Glossy 1-mil low-profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner. It is designed to withstand the various processes, fluxes and cleaning solvents in the manufacture of printed circuit boards. UL Recognised to UL969 standard for labelling and marking when printed with the Brady Series R6000 Halogen Free ribbon.	○	•			•	-70° to 300°C check TDS for temp duration details	UL RoHS	34

For further ribbon compatibility related to UL / CSA, see pages 65-66 or refer to Brady Tech Data Sheet for complete material performance specifications

			Colour	Permanent	Removable	Matte	Gloss	Service Temperature	Regulations	Page #
B-719	Ultra-Thin Matte Electrostatic Dissipative Matte Polyimide	Matte 1-mil low-profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner. It is designed for circuit board and electronic component pre-process labelling. Matte topcoat provides excellent resistance to solder balling. UL Recognised to UL969 standard for labelling and marking when printed with the Brady Series R6000 Halogen Free and Series R4700 ribbons.	○	•		•		-70° to 300°C check TDS for temp duration details	UL RoHS	34
B-724	Ultra High Temp Matte Amber Polyimide	Extreme, high-temperature polyimide film with a permanent acrylic adhesive. It is designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Withstands extremely high temperatures.	○	•		•		-70° to 330°C check TDS for temp duration details	RoHS	35
B-727	High Temp Polyimide	Glossy polyimide film with a permanent acrylic adhesive. It is designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Glossy topcoat provides excellent contrast and smear resistance.	○	•			•	-70° to 300°C check TDS for temp duration detail	UL RoHS	33
B-728	High Temp Matte Polyimide	Matte polyimide film with a permanent acrylic adhesive. It is designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Matte topcoat provides excellent resistance to solder balling. Can be used for top- or bottom-side component or board identification.	○	•		•		-70° to 300°C check TDS for temp duration details	UL RoHS	33
B-729	Ultra-Thin High Temp Matte Polyimide	Low profile matte polyimide label for pre-process circuit board identification.	○	•		•		-70° to 300°C check TDS for temp duration details	UL RoHS	33
B-7425	Chemical and Temperature Resistant Matte Polypropylene	Designed for laboratory applications that expose the label to liquid nitrogen, auto-clave and other harsh environments. Can be applied to both curved or flat surfaces.	○	•		•		-80° to 121°C check TDS for specific applications	RoHS	60, 61
B-7425-AC	Sterilisation Indicating Autoclave Polypropylene	All-white polypropylene label with hidden text header that appears "STERILISED" when exposed to autoclave conditions. Withstands extremely low and high lab temps making it ideal for sample tracking and labelling items that need to be sterilised.	○	•		•		-96° to 156.5°C check TDS for specific applications	RoHS	62
B-7569	General Purpose Vinyl	Durable vinyl label with permanent adhesive.	○	•			•	-20° to 75°C	RoHS	57, 63
B-7641	PermaSleeve® Low Smoke Zero Halogen Heat-Shrink Sleeve	Heat-shrinkable, low halogen polyolefin wire and cable marking sleeve with 2:1 shrink ratio. Offers excellent fire safety characteristics combined with minimal smoke emission. This material is abrasion resistant.	○●	•		•		-55° to 105°C	RoHS	48
B-7642	PermaSleeve® 2:1 Heat-Shrink Sleeve	Heat-shrinkable polyolefin wire and cable marking sleeve with a 2:1 shrink ratio. This material is high-temperature rated, highly flame retardant, and a very flexible industrial- and military-grade sleeve.	○	•		•		-40° to 120°C	RoHS	49
B-7643	Zero Halogen Polyurethane Tag Stock	Zero-halogen, non-adhesive polyurethane cable marker tag. Tags feature pre-cut holes in the corners to allow zip-tie fastening to a cable or wire harness bundle.	○●	n/a	n/a	•		-40° to 89°C	RoHS	50
B-777	Non-Reflow High Temp Polyimide	No-reflow, no-preheat polyimide label with a permanent adhesive. Ideal for boards that go through multiple harsh-condition washes.	○	•			•	-79° to 300°C check TDS for temp duration details	UL RoHS CSP	35
B-8117	Multi-Purpose Matte Black Polyester	Matte black polyester label with a permanent adhesive for high heat and chemical resistance.	●	•		•		-80° to 120°C	UL RoHS	23, 38
B-813	Direct Thermal Paper	Direct thermal printable paper label with a permanent adhesive. This material does not require the use of a print ribbon. For use in i5300 printer only.	○	•		•		-40° to 60°C	RoHS	32
B-816	Removable Direct Thermal Paper	Direct thermal printable paper label with a removable adhesive. This material does not require the use of a print ribbon. For use in i5300 printer only.	○		•	•		-40° to 60°C	RoHS	32
B-854	ToughWash® Metal Detectable Washdown Resistant Polyester	Metal-detectable ToughWash® washdown-resistant label with a permanent adhesive. This material features a metal-detectable layer to allow detection in the food stream. Withstands numerous cycles of harsh chemicals, heat and heavy moisture.	○●	•		•		-40° to 110°C	RoHS	54
B-855	ToughWash® Washdown Resistant Polyester	ToughWash® washdown-resistant label with a permanent adhesive. Withstands numerous cycles of harsh chemicals, heat and heavy moisture. Abrasion, fuel, oil, chemical, high- and low-temperature resistant.	○●	•		•		-40° to 110°C	RoHS	54
B-8591	All-Weather Polyester	Outdoor durable polyester label for product, component and asset identification. Best for smooth surfaces.	○● ●●	•			•	-70° to 130°C	UL (except silver) RoHS (all)	26, 28, 38

For further ribbon compatibility related to UL/CSA, see pages 65-66 or refer to Brady Tech Data Sheet for complete material performance specifications