



Increase compliance, safety and efficiency

Pharmaceutical Identification Guide Book

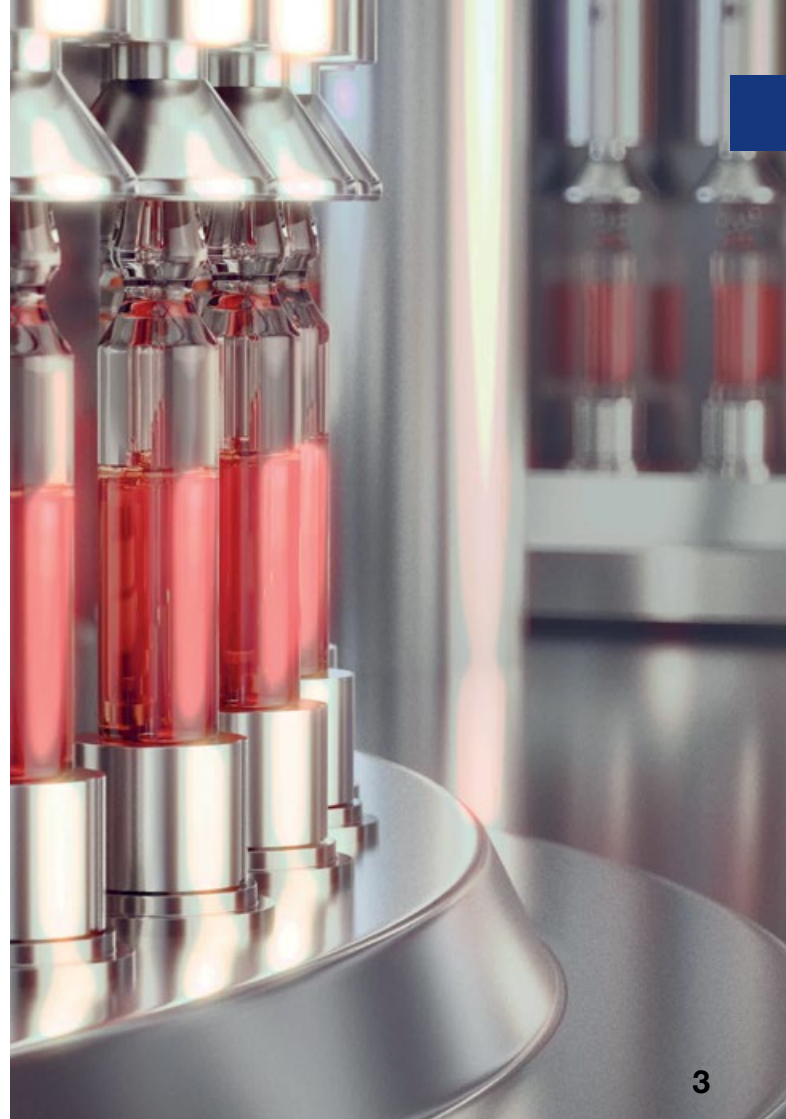
Why this guide

Identification and anti-counterfeit labels on pharmaceutical devices and product packaging can play a vital role in preventing potentially harmful misuse of products intended to increase health. Labels that can contain guidance on proper use along with any compliance information should stay attached to packaging and devices and remain legible.

This guide offers a high level insight in Brady's reliable, industrial grade identification solutions and technologies that can support pharmaceutical industry compliance with product regulations and increase safety and efficiency in the workplace.

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Who is Brady

When it comes to identification, safety and compliance, there's a clear advantage to working with Brady. We put our customers first in everything we do.

Our goal is to give you an unrivalled customer experience. We are relentlessly committed to performance and excellence - in our products, services and people and we align our efforts with Good Manufacturing Practices.

Our products and solutions perform in ways that others simply can't match. Our people perform in ways that regularly exceed your expectations, and our focus and discipline work toward solid, long term performance for our customers.

In short, Brady is the company you trust when performance matters most.



Compliance

Our reliable labels and identification solutions support compliance with a number of laws and regulations, including:

2011/62/EU, Falsified Medicine's Directive (FMD) on the prevention of the entry into the legal supply chain of falsified medicinal products. Medicine packs must be tamper-proof and must feature a 2D barcode with a unique serial number as well as a product code, batch number and expiry date.

2012/207/EU, Regulation on electronic instructions for use of medical devices, article 6. When instructions are supplied in electronic rather than in paper form, this must be clearly communicated on the packaging of each unit or on the sales packaging where appropriate. In case of fixed installed medical devices, that information shall also be provided on the device itself.

2008/1272/EU, Regulation on the Classification, Labelling and Packaging (CLP) of substances and mixtures.

Further laws & regulations may apply at a national or regional level.

Pharmaceutical product identification

Brady offers a wide range of reliable, industrial grade product identification labels that have been engineered and tested to resist challenging conditions. These can include exposure to chemicals, oil, dirt, light, UV, moisture and extreme temperatures. Brady also offers anti-counterfeit and anti-tampering technologies, as well as temperature indicating solutions, all for the secondary packaging of medicinal products.





Tamper indicating technologies

Provide visible evidence of label switching, reuse of product packaging, unauthorised service, product dilution, alteration and other forms of fraudulent activity. Technologies range from labels that leave behind a footprint on the product and the label surface, to tamper indicating packaging sealing and cleanly removable tamper labels. Also available are specialised coatings and inks showing product tampering with the aid of heat, chemicals or water.

Digital authentication, tracking and analytics

Security labels and seals with encrypted serialisation and barcodes can enable cost-effective identification, authentication, traceability and business intelligence. System analytics provide brand owners visibility into all authentication attempts to help identify where and how much counterfeit activity might be occurring. The cloud-based solution is can be accessed from a smartphone, tablet or computer by anyone, anywhere in the supply chain.



Overt technologies

Deter tampering and counterfeiting with complex label printing technologies that are difficult to copy with publicly available printers. Technologies include embossed optical films that shift colour at different viewing angles, sophisticated holographic devices, microstructures, colour shifting inks and high resolution printing.



Covert technologies

Keep anti-counterfeiting and piracy protection measures confidential with solutions that require tools to authenticate. Technologies include microscopic chemical markers, light polarizing security inks, covert barcodes, serialization, micro - and nano imaging which can be integrated in a label design without interfering with the overall functional purpose of the label. Authentication is possible through a variety of methods, ranging from simple tools like smartphones, flashlights and magnifiers to advanced laboratory analysis equipment.



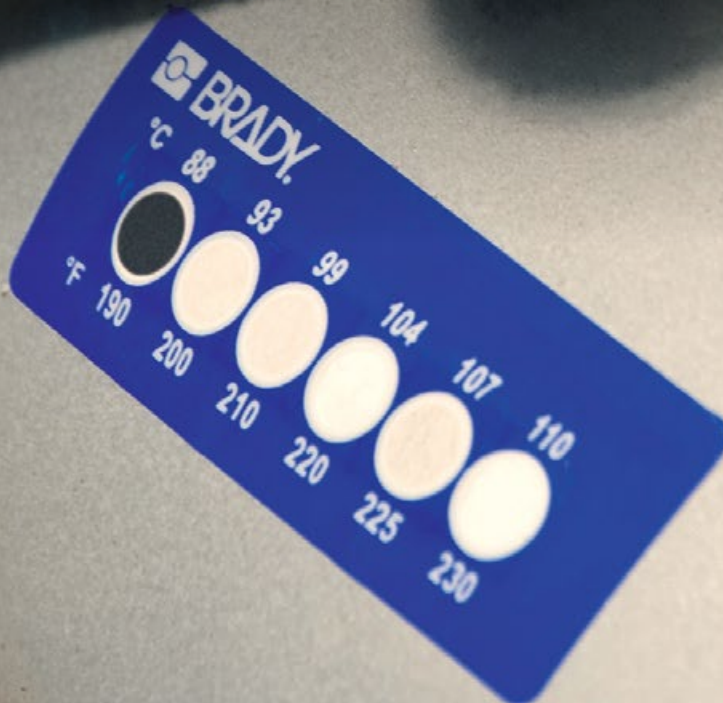
RFID labels

Simplify and automate traceability processes with flexible RFID integrated labels that provide a robust, easy to use and reliable solution for data management and product history visibility.



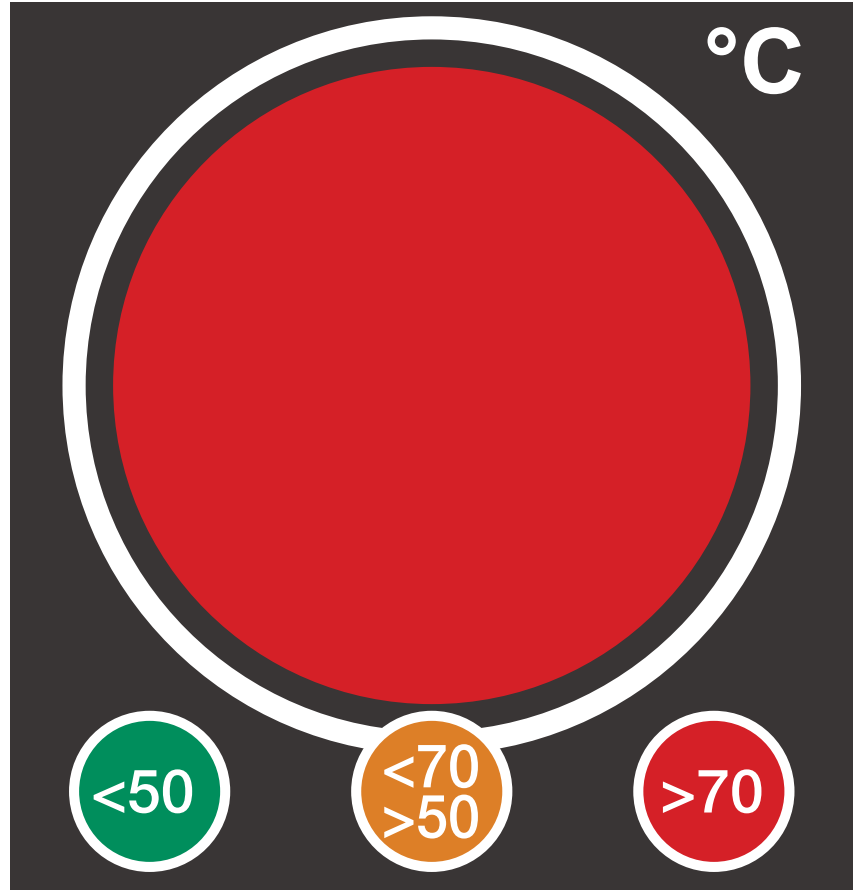
Irreversible temperature indicating labels

Irreversible Temperature Indicating Labels register the maximum or minimum temperature reached by a product or component, quickly indicating which products or components are most likely damaged or compromised. They can register one or more temperatures up to 210°C by permanently changing colour. Temperatures monitored can be customised when the labels are printed.



Reversible temperature indicating labels

Reversible Temperature Indicating Labels can communicate any component's current temperature, even during power loss. They quickly show when temperatures are not right to start a next phase of medical processes. The labels can monitor various temperature ranges from 0°C to 100°C and are able to communicate current temperature, or a hot versus cold state, by changing colour.



Workhorse Series Labels

Workhorse Series Labels are custom engineered to meet exact needs in various environments across many different applications. They are made of reliable, heavy-duty materials with adhesives to keep the label adhered to smooth surfaces through exposure to chemicals, abrasion and temperatures. Workhorse Series Labels are ideal for high quality/density barcoding, product identification and traceability.



CLP labels

Complying with CLP identification requirements has never been easier with our complete chemicals identification solution. We provide a full range of GHS/CLP-labels and pipe markers in any size.



Sealbags

Parts for medical devices can be sent and returned in Sealbags, polyethylene security envelopes with integrated security seals that prevent reopening without leaving traces. Every Sealbag has a unique number, barcode and or RFID tag.



Custom labelling solutions

Brady can bring to bear all of its material knowledge, label engineering expertise and identification experience to solve complex identification challenges. For a deeper dive in the custom label design options available to you, please check out our guide 'Choosing your ideal identification labels' or contact a Brady expert.



Get your ideal label



| Hydrogen Peroxide (H2O2) %58 Solution | | Safety Instructions | |
|--|--|---|--|
| <p>Product Description Neuster sterilization agent bottle content %58 w/w hydrogen peroxide solution with custom stabilizer content. The sterilization agent is provided within dedicated containers that are electronically traceable. Neuster does not incorporate medicinal substances or materials of animal origin.</p> <p>Product Classification MD 019-42622, Annex IV, Risk II, Class II, container code 1984 (EU/USA/Canada/UK)</p> <p>Instruction for Use</p> <ul style="list-style-type: none"> Before handling any sterilization agent bottles, nitril or latex gloves should be worn to avoid any possible contact with hydrogen peroxide. Push the dispenser cover located at dispenser module. The dispenser system will be soaked automatically. Remove the existing empty sterilization agent gently. Fill the dispenser system with a new sterilization agent bottle. Push the dispenser cover gently. Dispenser system will automatically close and read the sterilization agent information. | <p>Shelf Life / Expiry Date Unopened neuster sterilization agent bottles have a shelf life of 9 months. Opened bottles need to be used within 1 month. The manufacturer and expiry dates are labelled on bottle itself.</p> <p>Storage Conditions Neuster sterilization agent must be kept away from moisture, direct sunlight and stored at controlled room temperature. DO NOT STORE with oxidative chemicals in same room. DO NOT SHAKE the bottles, hold away from face when opening.</p> <p>Manufacturer Information PMS TIP TEKNOLOJILERI SAN. VE TIC. A.Ş. Merisli Tarus Organize Sanayi Bölgesi 12. Cad. No:2 Huzarkent, 35020 Mersin, TÜRKİYE pmstip@medikal.com.tr pmstipmedikal.com</p> <p>EC REP / EC Representative Neuster Mediatechnik GmbH Goethestrasse 7, D-40221 Düsseldorf / GERMANY</p> | <p>Read Instructions For Use before operating.</p> <p>Hydrogen peroxide is corrosive.</p> <p>Hydrogen peroxide is an oxidizer.</p> <p>Concentrated hydrogen peroxide is toxic.</p> <p>Risk of eye injury. DO NOT OPEN the bottle.</p> <p>Risk of skin injury. DO NOT OPEN the bottle.</p> | <p>Description _____</p> <p>Lot nr _____</p> <p>Production date _____</p> <p>Country of origin _____</p> |
| | | <p>IMPORTANT: DO NOT USE if the safety seal on cap is broken or missing.</p> | |

BRADY. When performance matters most

| | |
|------|--|
| PART | <input style="width: 85%;" type="text"/> |
| NR | <input style="width: 85%;" type="text"/> |
| REV | <input style="width: 85%;" type="text"/> |
| DATE | <input style="width: 85%;" type="text"/> |



Pharmaceutical facility identification

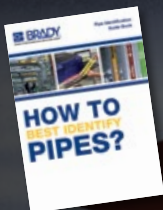
Next to product identification, Brady also offers a complete range of safety and facility identification solutions. Designed to increase workplace safety and efficiency, they can be used to protect, guide, warn and inform coworkers where it matters in any facility.



Pipe marking

Easily identify the contents of factory pipes with colour coded pipe markers to increase maintenance efficiency and warn employees and first responders about potential danger. We offer reliable pipe markers that can comply with GHS/CLP legislation and with any colour code.

Increase
workplace
safety &
maintenance
efficiency



Ammonia

DANGER

Toluene

DANGER

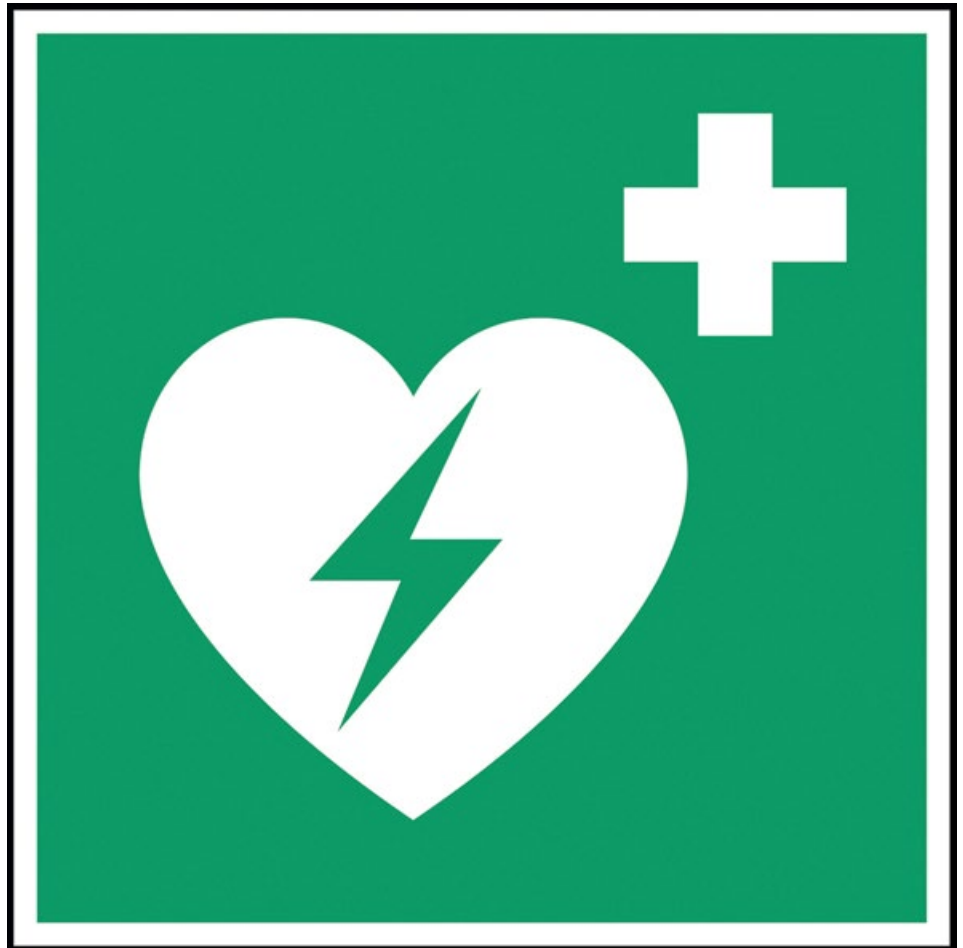
Water

Safety signs

Brady can make any safety sign, including all ISO 7010 safety signs. They are available in reliable materials... including ToughWash harsh washdown resistant label materials to caution coworkers and inform them about mandatory personal protection equipment.



**Increase
workplace
safety**



Spill control

Proactively and reactively prevent spills from spreading on the work floor to avoid contamination and workplace accidents like slips and falls. We provide a complete range of solutions including low-linting meltblown polypropylene spill control solutions and spill containment reservoirs for drums and IBC's.

**Prevent
contamination,
slips and falls**



Floor marking

Reliable floor marking for low, medium and heavy traffic floors is available to separate traffic into safe walking paths and vehicle traffic lanes. We provide reliable floor marking tape for any warehouse or production facility, as well as easy to apply PaintStripe stencils.

**Increase
workplace
safety and
efficiency**



Lockout/Tagout

Neutralise the flow of energy or supplies to any machine before maintenance starts to avoid workplace accidents. We provide complete Lockout/Tagout solutions including colour coded padlocks, dedicated lockout devices, customisable tags and software to support Lockout/tagout procedure writing and approval.

Increase maintenance safety



LINK 360 Lockout/Tagout Posted Procedure

Location: Engine Room

Site 1 - Refrigeration

Refrigeration Compressor #4

Note: This is an example of Link360's "Short Form". The short form is used to identify the energy sources, where they are located, and the method of device used to lock them out. For increased imagery as well as the ability to add general detail, see the "Long Form".

Lockout Application Process

1. Shut down machine. 2. Properly shut down machine. 3. Isolate all energy sources. 4. Apply lockout devices, locks, & tags. 5. Notify affected employees that service is completed.

See Gate Valve Identifier for exact location

| Energy Source | Location | Method | Lock and Tag |
|--------------------------|--|--|-------------------------------|
| 1 Electrical E-1 480V | E-1 is located West of the machine. | PPE required: Arc flash shield, 8 cal/cm2, class E/F gloves. Turn Disconnected to the off position and lock out. | Lock and Tag |
| 2 Gas G-1 Ammonia | G-1 is located on the Northwest side of the machine. | Turn Gate Valve to the off position and lock out. | PPE: Arc flash shield, gloves |
| 3 Note I-1 Return PPE | Add Custom Notes for company or machine specific requirements. | Use notes to call attention to miscellaneous crucial steps to safely perform the lockout. | |

Lockout Removal Process

1. Ensure all tools and items have been removed. 2. Confirm that all employees are safely located. 3. Remove lockout devices and reenergize machine. 5. Notify affected employees that service is completed.

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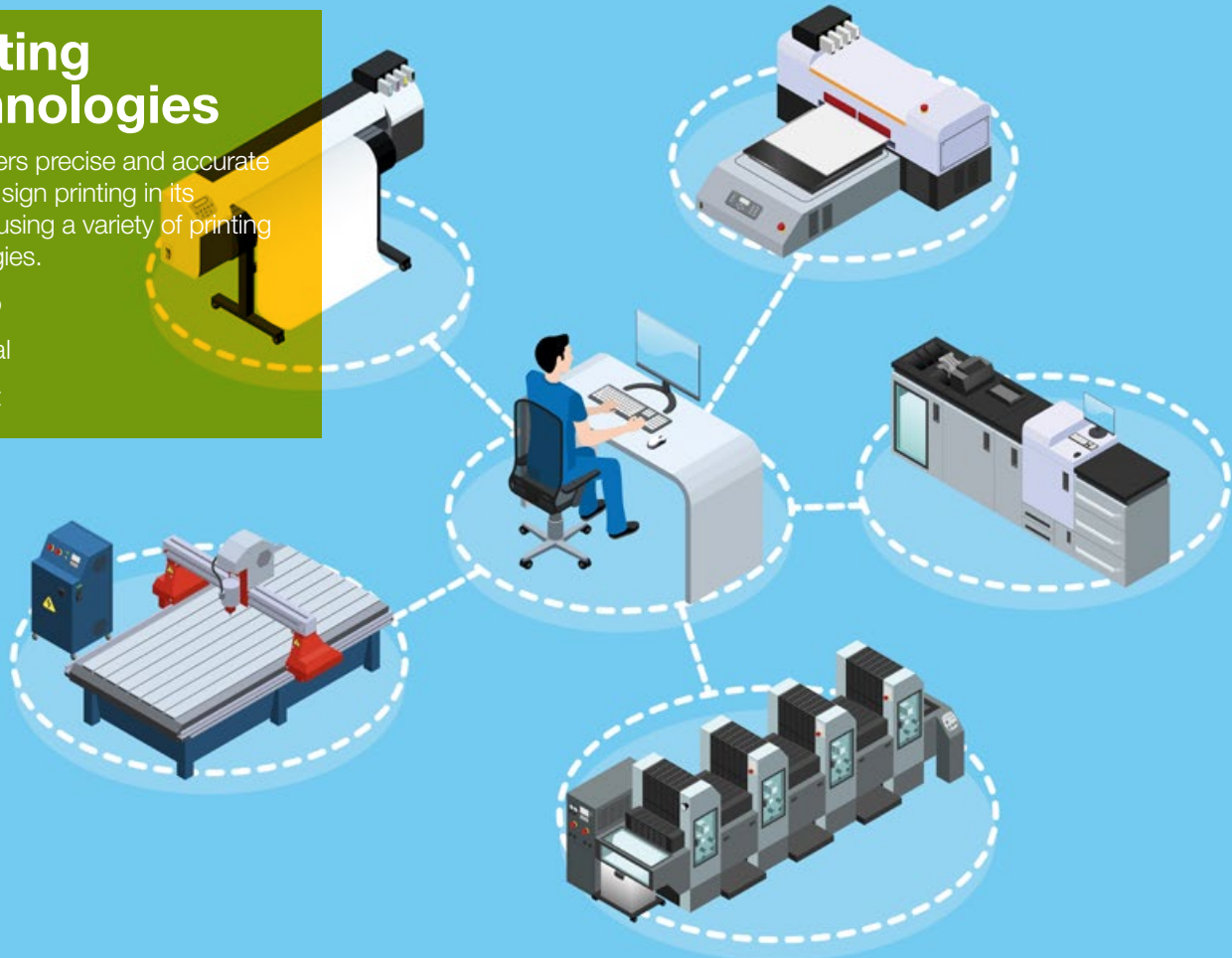
On-site survey services

Brady can send experienced experts to your facilities anywhere in the world to determine safety and facility identification needs and options on-site. A structured overview with proposed solutions will be offered for review.

Printing technologies

Brady offers precise and accurate label and sign printing in its factories using a variety of printing technologies.

- Flexo
- Digital
- Inkjet



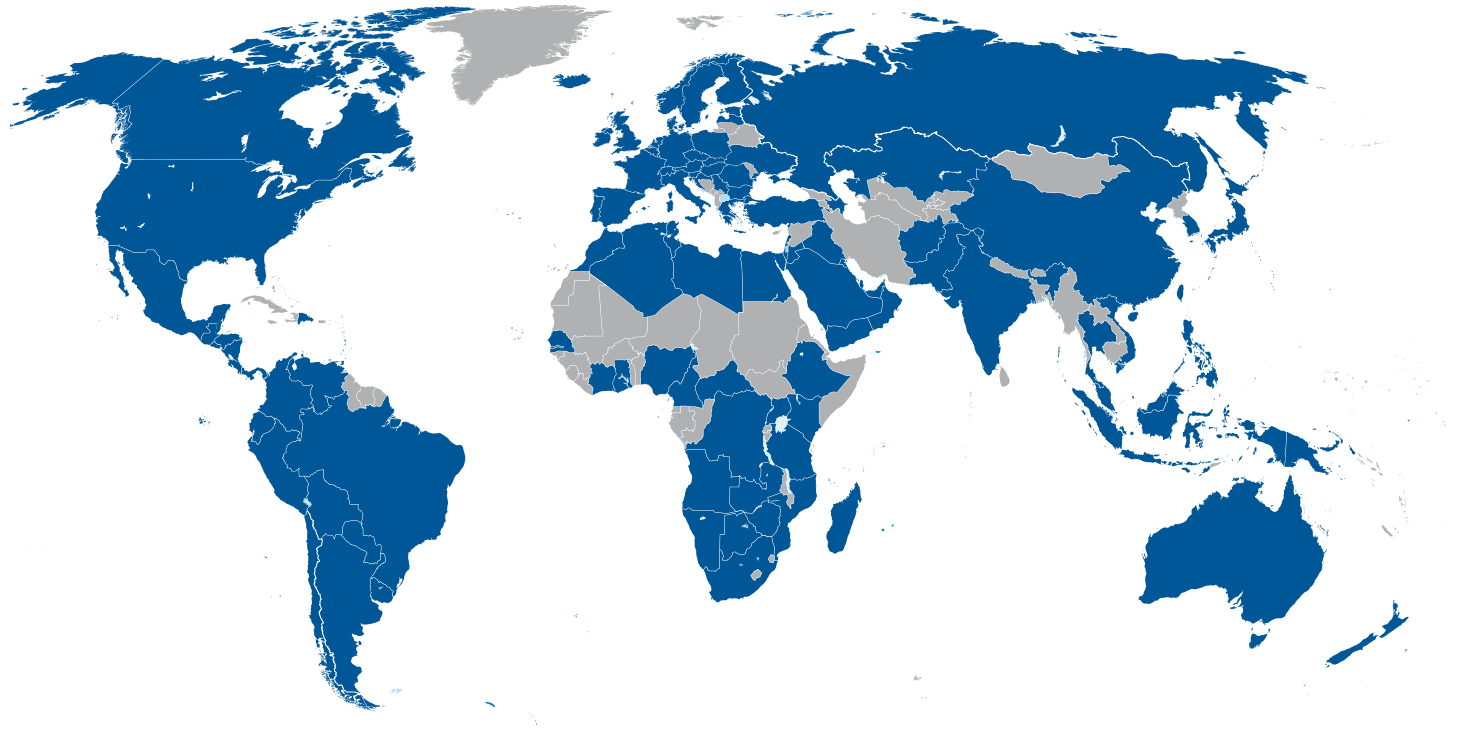
Print at your location

Brady offers easy to use design software and highly accurate industrial printers for signs and labels that enable you to print the labels you need at your location, whenever you need them. Even custom labels can be finalised at your location with a Brady printer.



Any label anywhere in the world

Brady Corporation develops and manufactures solutions that identify and protect people, products and places. Our wide range of products provide a complete solution for all of your identification needs, anywhere in the world.



For more information, please contact

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**We identify and protect people,
products and premises.**

www.bradyeurope.com

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