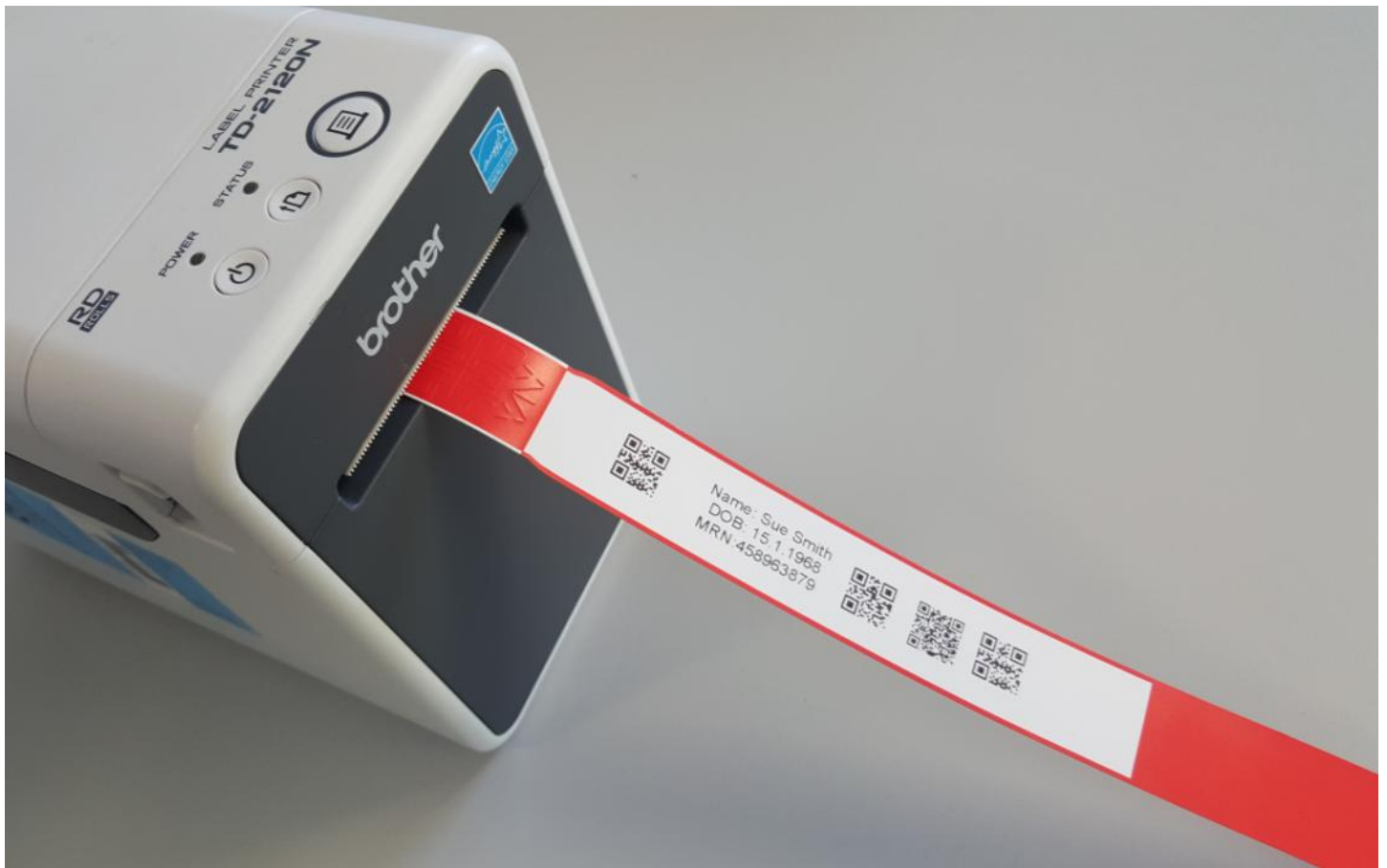# Barcode Patient Identification

Product range for Barcode Patient Identification includes:

Direct Thermal Printer, Wristbands and Labels, Label Wristbands with A4 Laser Printer Compatible Label Sheets, Range of Barcode Scanners, Sled, Foam Supersoft Neonatal/Paed/Adult Wristbands and Mobile Direct Thermal Printer

DB HEALTH
Div. of Denyer Bros. Pty Ltd est. 1889

Suppliers of quality products to the Healthcare Industry est 1889.
Australian Owned & Operated.

Web dbhealth.com.au

Email customerservice
@denyer.com.au

Freecall: 1800 451 446

ABN: 37 000 459 174

DBH1904

NSQHS Specification for Patient Wristbands

The Australian Commission for Safety and Quality in Health Care has set out specifications for patient wristbands for the useability, content and colour of patient identification bands in Australia.

These specifications describe the standard features patient identification bands should have. The specifications do not prescribe how these features should be achieved. The application of the specifications to specific patient identification bands needs to be done in a way that is relevant to the particular circumstances of patients and facilities.The patient identification specifications relate to:

1. Colour, 2. Size, 3. Comfort, 4. Usability, 5. Method for recording patient identifiers, 6. Information Presentation (of patient identifiers) and 7. New Technology.

For full specification download Specifications for a standard patient identification band available on www.safetyandquality.gov.au

Overview of Wristband Characteristics

Specification	Characteristics
Colour	White and Red
Size	Range of Sizes from Infant to Obese Patients
Comfort	Shape, Edges, Fastenings and Material—relates to skin irritation.
Usability	Secure, Waterproof and resistant to cleaning products and other fluids. Quick and Easy for all staff to issue, apply and confirmation patient identification.
Method for Recording Patient Identifiers	Patient Identifiers must be durable and easily read in all conditions which may include exposure to fluids
Information Presentation	Use of patient identifiers on wristband with emphasis on consistency. White Background with Black Text to ensure readability in all conditions.
New Technology	Allow for inclusion of new technology—barcodes, images and RFID

DB Health currently have LabelBand Wristbands (Page 5) and ScanBand DR Direct Thermal Wristbands (Page 4) that comply with the NSQHS Specifications for a standard patient identification band.

Principles for Applying Patient Wristbands

Poor patient identification has been identified as the primary cause of many incidents and near misses in the delivery of health care in Australia and around the world.
The following information may assist practitioners in the correct identification of patients upon admission to their institution. This is a series of recommendations only and is by no means comprehensive. Practitioners should always consult the policies and procedures of their institution regarding the process and practice of identifying patients.

1- **Identify the patient** according to approved practices.

2- **Select the correct identification band size, style and colour to be used** according to the requirements of the patient and the policy of the institution.

3- **Apply the identification information to the band** while in front of the patient
     • Ensure the information is clear and legible, especially if hand-written
     • Ensure the 3 Primary Identifiers are clearly visible: Name, Date of Birth and Medical Record Number.

4- **Apply the band to the dominant wrist** as intravenous cannulation is often first performed on   the non-dominant side
     • Use the other wrist if intravenous therapy is already in progress
     • Ensure patient information faces outwards
     • Ensure one finger space underneath the band to prevent the band being too tight or too loose
     • Apply a second band around the ankle on the same side if this is the practice in your institution.

5- **Remove excess strap length** for improved patient comfort.

6- **Observe each shift for the following:**
     • Missing or damaged band, especially at the closure point
     • Damaged or faded information in the information field
     • Constriction by the band due to limb swelling, etc
     • Loose fitting of the band that may irritate or facilitate removal.

7- **Replace the identification band immediately:**
     • If the existing band is removed for any reason such as intravenous therapy or other procedure
     • If blood or other body fluids spill onto the band.

8- **Change the band weekly** to maintain the legibility of the information on the band, maintain patient comfort and to prevent complications such as infections.

Brother TD-2120 Direct Thermal Printer

Optional Intuitive Control Panel
Simple to use with easy to understand tri-color LED alerts

Prints Both Wristbands and Labels
Easy to read, face-up printing. Quickly print accurate bar codes and text at 203 dpi at up to 15cm per second. Superior reliability, accuracy, and speed help reduce downtime and increase workflow efficiency. Comes with easy to use Windows software application to design, customize, and print wristbands and labels.

Compatible with Windows
Server® 2012 / 2008R2/ 2008 / 2003;Windows® 8/7/ Windows Vista® and XP.
2 Year Limited Warranty includes print head.

Optional long-life rechargeable Li-ion battery
For complete mobility, printer can be powered with Li-ion battery.
AC power comes standard.

Programmable Touch Panel
Touch Panel Keys can be easily programmed to automate multiple tasks. Use the built-in real time clock/calendar to automatically print the draw time for collection of blood and specimens;
designate wristband and label printing applications; search and print from downloaded databases; organize assignments of clinicians, and more!
Programming function enables users to easily record and reproduce patient data for re-banding. Perfect for printing during downtimes.

Compact Footprint
Easily fits on carts or crowded desktops.

Optional Large LCD Display
Easy to see with fullyadjustable viewing angle.

Attractive Industrial Design

Latch Release Points
Conveniently located on both sides of printer.

Large Media Capacity
Accommodates over four times more wristbands or labels than a mobile printer. Works with roll media up to 12.7cm in diameter.

Innovative Spindle-less Design
Simply drop in the roll and you're ready. Saves time loading media,while removing the guess workfrom printing.

WLAN or Bluetooth® Wireless Accessory Option
USB, Serial, and Ethernet interfaces come standard. Optional Bluetooth® and Wi-Fi® interfaces are available for total mobility.

TD-2120N is a reliable and flexible Direct Thermal Printer designed to meet differing user requirements including use as a mobile printer within the Healthcare Sector.

Description	Product Code
DIRECT THERMAL PRINTER - BROTHER TD-2120N (EACH)	TD-2120N
OPTION - BROTHER TOUCH PANEL & LCD DISPLAY FOR MODEL# TD-2120N (EACH)	TD-PATDU001
OPTION - BROTHER WI-FI WLAN INTERFACE FOR MODEL# TD-2120N (EACH)	TD-PAWI001
OPTION - BROTHER BATTERY BASE FOR MODEL# TD-2120N (EACH)	TD-PABB001

Scanband DR Direct Thermal Wristbands

Best-selling Direct Thermal wristband on the market to withstand the harshest conditions in the hospital environment.
• Provides a high-quality bar code for scanning, accurate patient ID, Supports text, linear and 2D bar codes, photos and graphics.
• Top quality tamper-evident adhesive closure
• Unbeatable print quality and Extremely easy to print and apply to patients
• Features a soft material, ideal for patients with sensitive skin.
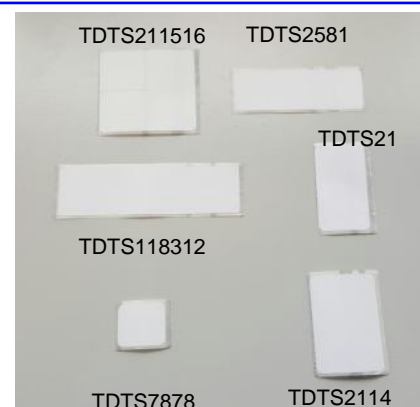
PD8160 Series—Adult

PD8170 Series—Adult /Paed

PD8180 Series—Infant

Description	Product Code
DT WRISTBAND - SCANBAND SOFT ADULT ADHESIVE CLOSURE WHITE (B/2 ROLLS OF 200)	PD8160-11
DT WRISTBAND - SCANBAND SOFT ADULT ADHESIVE CLOSURE RED (B/2 ROLLS OF 200)	PD8160-16
DT WRISTBAND - SCANBAND SOFT ADULT/PAED ADH CLOSURE WHITE (B/2 ROLLS OF 200)	PD8170-11
DT WRISTBAND - SCANBAND SOFT ADULT/PAED ADH CLOSURE RED (B/2 ROLLS OF 200)	PD8170-16
DT WRISTBAND - SCANBAND SOFT INFANT ADH CLOSURE WHITE (B/2 ROLLS OF 200)	PD8180-11
DT WRISTBAND - SCANBAND SOFT INFANT ADH CLOSURE RED (B/2 ROLLS OF 200)	PD8180-16

Product	Wristband Dimensions	Print Area	Core Size	Black Bar	Wound	Outer Diameter	Closure
PD8160-**	29.2 x 2.5cm	14 x 2.5cm	2.5cm	At perforation	Out	12.2cm	Adhesive
PD8170-**	29.2cm x 1.9cm	11.4 x 1.9cm	3.8cm	At perforation	Out	12.2cm	Adhesive
PD8180-**	17.8cm x 1.9cm	7.3 x 1.9cm	2.5cm	At perforation	Out	9cm	Adhesive

Trustsense Direct Thermal Labels

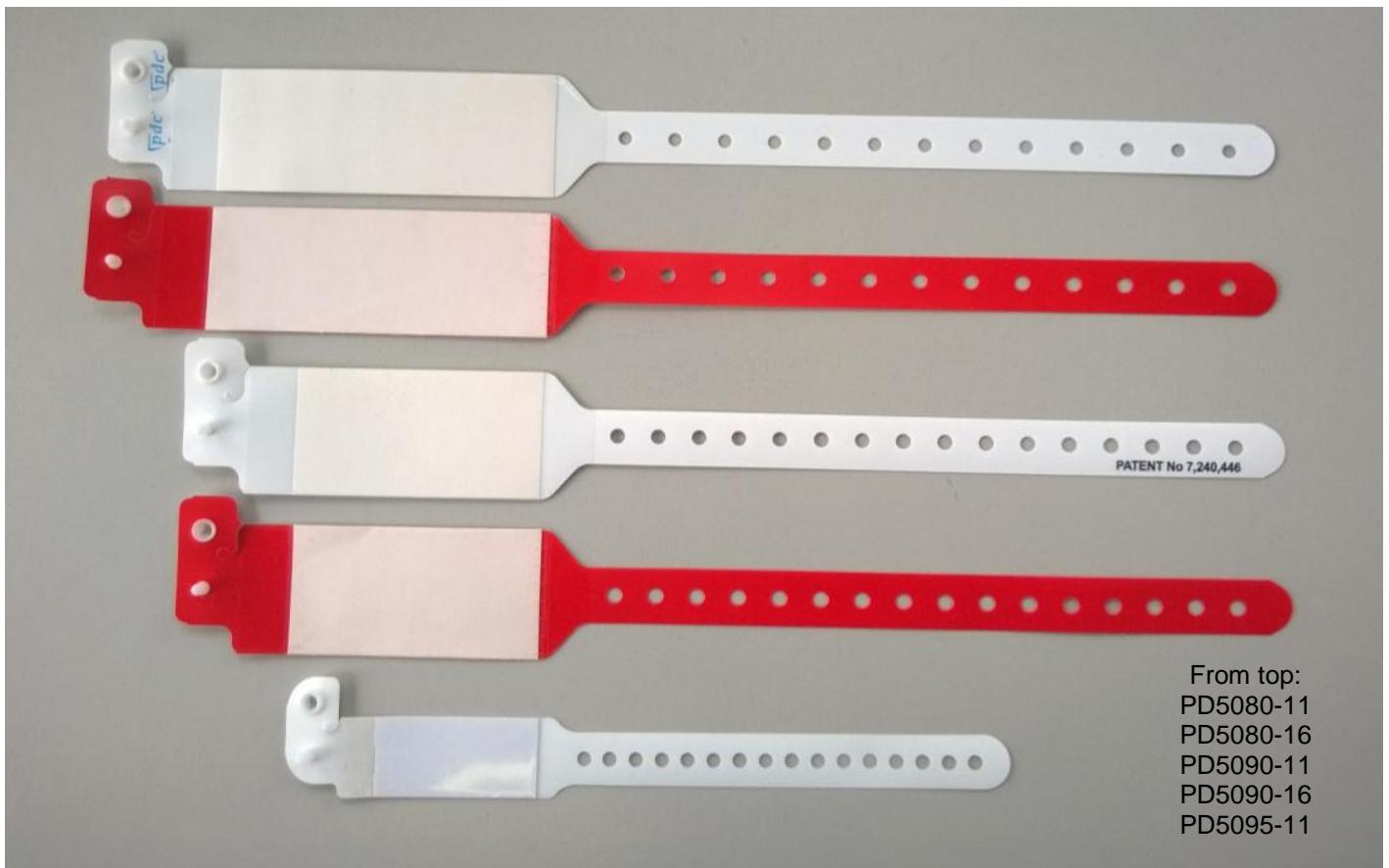| Description	Product Code
DT LABEL – PERM ADH 5.08 X 4.90CM #3 LABELS (R/500)	TDTS211516
DT LABEL – PERM ADH 6.66 X 2.54CM (R/500)	TDTS2581
DT LABEL – PERM ADH 8.89 X 2.86CM (R/500)	TDTS118312
DT LABEL – PERM ADH 2.54 X 5.08CM (R/1000)	TDTS21
DT LABEL – PERM ADH 2.22 X 2.22CM (R/500)	TDTS7878
DT LABEL – PERM ADH 3.17 X 5.08CM (R/1000)	TDTS2114

TDTS211516   TDTS2581

TDTS21

TDTS118312

TDTS7878   TDTS2114

Sentry LabelBand Wristbands

- Available in 4 Models - Adult, Adult/Paedriatric, Infant and Mother-Infant Set of 2
- Non-transferable, secure, plastic snap provides maximum security
- Media support text, linear and 2D bar codes, photos and graphics
- Clear adhesive shield provides optimal protection from solvents for accurate and repeatable barcode scanning
- Large label area accommodates both laser and thermal labels
- Soft, smooth, non-abrasive material and latex free
- Water-resistant, durable and strong, yet lightweight and comfortable

Wristband Type	Wristband Size (L x W):	Bands/Box:	Max Label:
LabelBand Adult PD5080-**	298mm x 31mm	500	25mm x 76mm
LabelBand Adult/Paed PD5090-**	273mm x 31mm	500	25mm x 51mm
LabelBand Infant PD5095-11	176mm x 19mm	500	16mm x 36mm

From top:
PD5080-11
PD5080-16
PD5090-11
PD5090-16
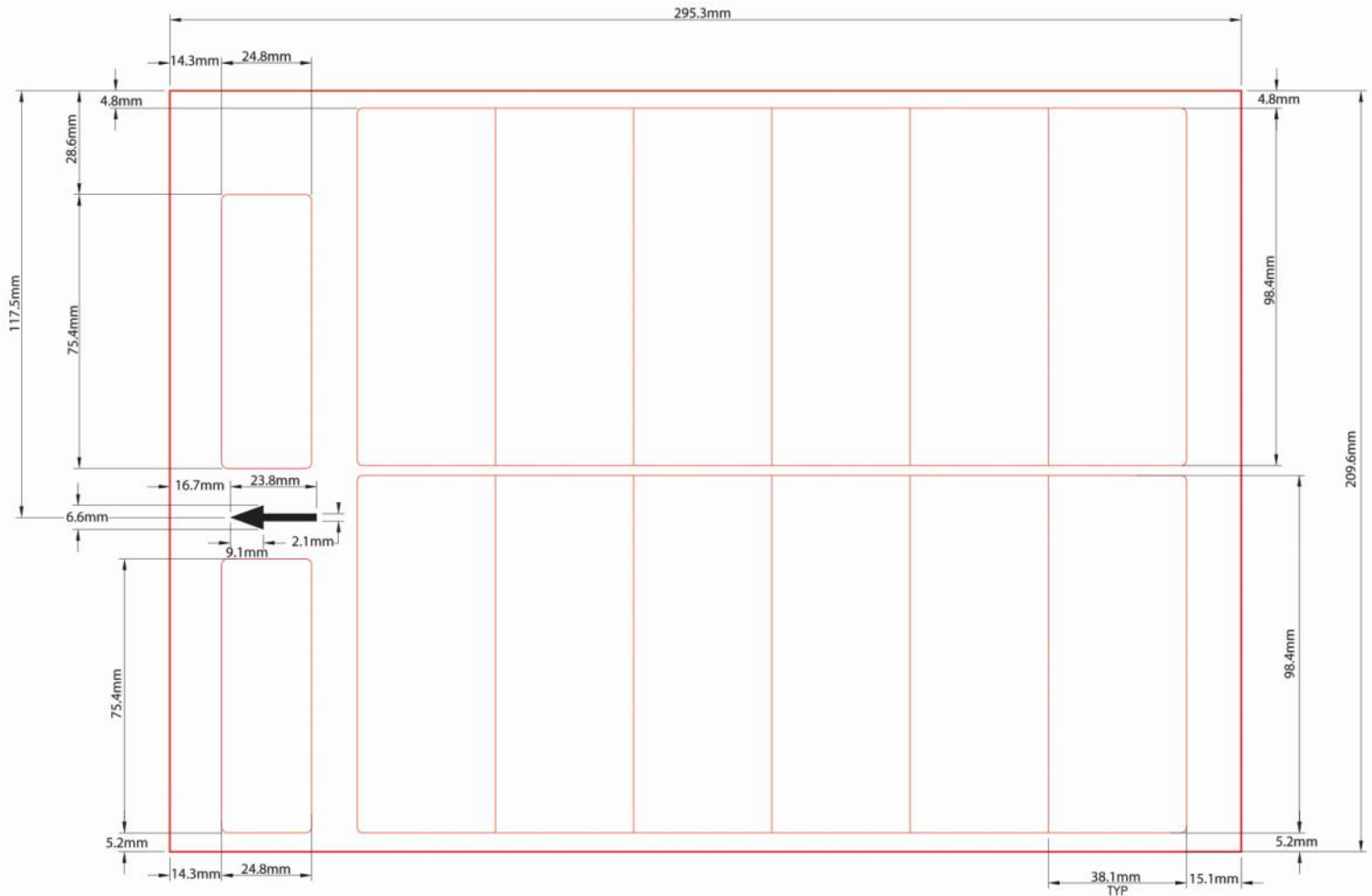PD5095-11

Colour Range for LabelBand

11 White	13 Blue	14 Yellow	16 Red	17 Orange	22 Kelly Green	23 Purple

Description	Product Code
ID BAND SENTRY LABELBAND ADULT (B/500)	PD5080-**
ID BAND SENTRY LABELBAND ADULT/PAED (B/500)	PD5090-**
ID BAND CONFI-ID-ENT SHIELD INFANT WHITE (B/500)	PD5095-11
ID BAND CONFI-ID-ENT SHIELD DUO-BAND WHITE (B/250)	PD5096-11
LABEL SHEET - A4 14-UP PATIENT CHART (PKT/250)	DBSD9163-11

PD5080 and PD5090 colour options available, ** substitutes for colour code

Patient Chart and LabelBand Label Sheet

Currently 1 custom A4 label sheet is available with 14 labels which has 12 labels for Medical Charts and 2 Labels for usage on the 5080 LabelBand.12 Labels - 99 x 38mm and 2 Labels 75 x 25mm. With Printed Arrow to show how sheet should be orientated in printer. Designed for use with Laser Printers.

Precision Foam Wristbands—Neonatal and Adult

The Precision Wristband helps meet the special needs of patients with sensitive skin for Neonatal and Premie Infants as well as elderly patients. Available in 4 sizes, this moveable ID band offers the highest quality, convenience, and comfort.

- Constructed of soft, comfortable foam with hook & loop Velcro® style closure - No cutting necessary to remove.
- Blank ID panel accepts handwritten information or label and Adhesive shield protects critical patient ID information and barcodes.
- Easily repositioned on wrist or ankle to accommodate IV site changes
- Ensures ID band is present on limb instead of taped to incubator, guaranteeing positive patient identification.

Description	Product Code
ID BAND NEONATAL NEWBORN SOFT FOAM BLUE-WHITE W/SHIELD (B/12)	PD523-11
ID BAND NEONATAL PREMIE SOFT FOAM BLUE-WHITE W/ SHIELD (B/12)	PD533-11
ID BAND PAED SOFT FOAM BLUE-WHITE W/ SHIELD (B/12)	PD544-11
ID BAND ADULT SOFT FOAM BLUE-WHITE W/ SHIELD (B/12)	PD554-11

	Length	Max Label Size
Neonatal Premie	6.5cm	5.7 x 2.5cm
Neonatal Newborn	13.5cm	5.7 x 2.5cm
Paed	27.3cm	6.6 x 2.5cm
Adult	32.4cm	6.6 x 2.5cm

PD533-11

Code Barcode Scanners

Code barcode reading solutions can be integrated into all areas of the healthcare environment, from the receiving area of a hospital, to patient administration, to a patient's bedside.

Code offers a complete line of barcode readers that are built to withstand the extensive cleaning and disinfecting devices undergo in healthcare environments. Available in a variety of models, including palm and handled, Code's healthcare barcode readers feature disinfectant-ready plastics that have been assigned a level rating to indicate the type of chemical cleaner each reader is designed to withstand. With Levels 1, 2 and new CodeShield™ plastics, hospitals can quickly select the Code reader that best suits the use case environment.

- High Speed omnidirectional reading of all 1D, 2D and Postal barcodes
- Unrivalled read performance of barcodes on rounded, curved and shiny surfaces, including computer and mobile device screens
- Powerful data management capability with JavaScript
- Compatible with Code's CortexTools software configuration utility
- CortexRM Remote Management ready
- Cable readers use Code's rapid disconnect Affinity cables
- Charging stations with optional paging button at assist in locating misplaced blue tooth readers.
- XHD Models enable reading laser etched marks as small as 2mil.

Code Cable Barcode Scanners

Code Reader CR1000
- Cabled via USB or RS232 connection
- Optional XHD model is available with extreme high density field for reader laser etched marks as small as 2mil.
- Auto detection for in-stand or out-of-stand reading
- Two "good read" indicators: LED and audible tone
- Threaded brass insert for optional mounting installation
- Extremely low power consumption
- Optional Universal Stand
- Disinfectant ready IP54 housing—Level 2 Disinfectant Housing

Code Reader CR1400
- Cabled via USB or RS232 connection
- Optional XHD model is available, with extreme high density field for reader laser etched marks as small as 2mil.
- Auto detection for in-stand or out-of-stand reading
- Three "good read" indicators: LED, audible tone and vibration
- Threaded brass insert for optional mounting installation
- Extremely low power consumption
- Optional Universal Stand
- Disinfectant ready IP54 housing—Level 2 Disinfectant Housing

Description	Product Code
BARCODE READER—CODE CR1000 CABLE (EACH)	CR1000
BARCODE READER—CODE CR1000 XHD CABLE (EACH)	CR1000XHD
BARCODE READER—CODE CR14000 CABLE (EACH)	CR1400
BARCODE READER—CODE CR1400 XHD CABLE (EACH)	CR1400XHD
UNIVERSAL STAND—CODE FOR CR1000 / CR1400 (EACH)	CRA-US2

Code Bluetooth Barcode Scanners

Code Reader CR2600

- Mobile Bluetooth Barcode Reader with rechargeable battery cartridges. Available in lightweight palm or handled models
- Optional XHD model, with extreme high density field for reader laser etched marks as small as 2mil
- Aggressively decodes barcodes, regardless of surface type
- Quickly pairs with Bluetooth supported android, ISO, and Windows mobile devices, tablets and printers
- Durable, quick release rechargeable battery cartridge
- Battery status LED indicator with fuel gauge
- Multiple programmable buttons for customized work flow processes
- Three "good read" indicators: LED, audible tone and vibration
- A variety of charging options both with, and without an embedded Bluetooth modem
- Level 3, Codeshield plastic and IP65 housing prevents plastic degradation and securely protects electronics and optics.

Description	Product Code
BARCODE READER—CODE CR2600 PALM (EACH)	CR2600P
BARCODE READER—CODE CR2600 HANDLE (EACH)	CR2600H
BARCODE READER—CODE CR2600 XHD PALM (EACH)	CR2600PXHD
BARCODE READER—CODE CR2600 XHD HANDLE (EACH)	CR2600HXHD

Code Barcode Sled

Code Reader CR4405

- Converts an iPhone5/5s into a enterprise barcode reading solution
- Bright, rectangular, blue LED aiming quickly and easily targets and reads all barcodes
- Unobstructed access to all iPhone features and functions
- Intelligent charging provides an extended battery for the iPhone
- Multiple locking clips securely holds the iPhone in place, protecting it against damage and minimising exposure to debris
- Durable, quick release rechargeable battery cartridge
- Single and quad bay charging station options
- Software Development Kit (SDK) assists in creating a custom scanner application
- All-inclusive kits include the CR4405 sled, battery, charging station, USB cable and power supply
- Disinfectant ready IP54 housing

Description	Product Code
BARCODE SLED—CODE CR4405 (KIT)	CR4405

Brother RJ-3150 Mobile Printer

The RJ -3150 printer is Brothers most rugged and fastest Mobile printer, printing at 127mm/sec. Printing 80mm wide labels at 203dpi resolution. (max size of printing area is 72mm on an 80mm label)
Designed with a tough construction, it comes with a certified IP Plastic Rating of IP54 and has drop protection of 1.8m ensuring use under rugged conditions.
The RJ-3150 mobile printer supports ZPL II emulation and utilises direct thermal printing technology, which provides several benefits including higher reliability while reducing maintenance cost with fewer moving parts and requires no replacement toner or ink. The RJ-3150 is available with Blue tooth and Wi-Fi mobile connection interface

The RJ-3150 printer is ideal for printing barcoded identification labels and paper receipts for a variety of hospital applications including:-

- Meals
- EBM
- Pathology Specimens including blood collection
- Medication
- Any area where print on demand labels are required.

RJ-3150 Bundle - Printer, Shoulder Strap, AC Recharger, Belt Clip & Li-Ion Battery.

RJ-3150 Specifications

Printing

Print Resolution	203 x 200 dpi
Print Technology	Direct Thermal
Print Speed	Max 127mm per sec
Paper Feed	Roll Feed
Max Print Width	72mm
Max Print length	1 meter
Drop Protection	1.8meters
Roll width	25-80mm
Max Roll Diameter	66mm

Memory

Ram: 32MB	Flash: 32MB
Sealing Certificate	IP54

General

Dimensions	118 x 82 x 189mm
Weight	670 grams
Battery	Rechargeable Li-Ion Battery

Interface

USB	Standard
Bluetooth (Ver2.0 + EDR)	Standard
Wi-0Fi (802.11 b/g/n)	Standard
AirPrint	Yes

Software Support

Windows OS driver supported, Android 2.3 or Later, IOS 5 or later

Supported Commands: P-Touch Template 2.0, Raster , ESC/P

Emulation Compatibility: ZPL II / CPCL

Description	Product Code
MOBILE PRINTER—BROTHER RJ-3150 BUNDLE (EACH)	RJ-3150
OPTION—BROTHER BATTERY LI-ION FOR RJ-3150 (EACH)	RJ-PABT001A
LABEL—DIRECT THERMAL 5 X 2.5CM WHITE 19MM CORE (R/350)	PDLDQLP220