Medication Delivery Solutions

Product Catalogue

BD

Welcome to Medication Delivery Solutions (MDS)

BD is among the world's leading suppliers of medical devices and a leading innovator in medication management devices – from preparation to injection and infusion. In 1906 the Company built the first-ever facility in the U.S. to manufacture needles and syringes. In recent years - particularly given our merger with CareFusion in 2015 and Bard in 2017 - the complementary nature of BD, CareFusion and Bard capabilities make the new, combined company stronger and more relevant than ever before in medication management.

Our History

With more than 118 years of history, BD has built a strong culture of innovation that has strengthened its leadership and partnerships with healthcare facilities. A pioneer in healthcare worker safety, BD offers products featuring safety technologies to protect healthcare workers from needlestick injuries and exposure to hazardous drugs. An expert in vascular access management and care BD provides a complete and evidence-based set of solutions from catheter insertion to removal, and everything in between. To answer the needs of patients and healthcare workers BD also provides healthcare industries with the right products and solutions.

We believe in quality

Because you can only partner with reliable suppliers, BD has a commitment to high quality products and processes. BD has a global quality policy valid for all our manufacturing sites, design centres, legal manufacturers and sales offices. All our manufacturing sites, distribution centres, design centres and legal manufacturers are certified according to ISO 13485. Our products are designed, developed and manufactured according to worldwide standards, guidelines and legislation. Within BD we have common computerised systems for core quality processes such as document control, labelling, change control, comply surveillance, CAPA and audits. Our different product categories comply with the standard applicable to them, ISO 10555, ISO 6009, ISO 7886, and are always mentioned in the declaration of conformity of the products. The labelling complies with EN980, EN1041 and ISO 15223. The packaging of the products is developed and maintained according to ISO 11607. The design, development and manufacturing apply the risk management activities per ISO 14971 and we perform biocompatibility testing of raw material and final product in accordance with ISO 10993. Customer-oriented BD has Quality and Regulatory departments to provide the mandatory support and communication.

Global reliability

With a global presence in more than 190 countries, BD is a reliable supplier making supply chain excellence a priority to reach delivery expectations from our customers. Our state-of-the-art plants are manufacturing thousands of different high quality products around the world.

Sustainability

Environmental sustainability is also a key initiative with actions intended to minimise the environmental footprint in our manufacturing. BDs environmental initiatives include the reduction of energy and water consumption, as well as hazardous and non-hazardous waste generation, and an increase renewable energy use.

BD has one single and relentless purpose: Advancing the world of health. This is how we make a difference, this is our work and this is our passion.

Contents

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Infection Prevention

BD

BD ChloraPrep™

- Cutaneous solution licensed for disinfection of the skin prior to invasive medical procedures

- Sterile antiseptic solution containing a combination of 2% Chlorhexidine gluconate in 70% Isopropyl alcohol

- Clear or Tinted (Orange) - In the tinted solution, sterile dye E110 (Sunset Yellow) is introduced upon activation

- Different sized applicators for different procedures, both surgical and vascular

- Flow control helps prevent pooling and promotes even distribution

- Manufactured sterile - both the solution and applicator are sterile

- Single use applicators designed to facilitate proven back and forth application technique, whilst maintaining user asepsis (ANTT®)

- Sterile sponge, designed for comfort, with minimal dermal abrasion

FREPP 1.5ml

SEPP 0.67ml

BD ChloraPrep™ Applicators

Product Code	Size	Coverage	Tint/Clear	Units/ Box	NHS Supply Chain code
270449	SEPP .67ml	5cm x 8cm	Clear	200 applicators	MRB302
270299	FREPP 1.5ml	10cm x 13cm	Clear	20 applicators	MRB303
260407I	1.5ml	10cm x 13cm	Clear	25 applicators	MRB561
270400	3ml	15cm x 15cm	Clear	25 applicators	MRB306
270415	3ml	15cm x 15cm	Tint	25 applicators	MRB494
270700	10.5ml	25cm x 30cm	Clear	25 applicators	MRB304
270715	10.5ml	25cm x 30cm	Tint	25 applicators	MRB495
270800	26ml	50cm x 50cm	Clear	1 applicator	MRB305
270815	26ml	50cm x 50cm	Tint	1 applicator	MRB496

Injection - Syringes

BD

Syringes - 2-Piece Technology

2-Piece Design

To ensure leak tightness, the syringe plunger has a larger diameter than the barrel. At the same time, the syringe barrel has to have thin wall technology to be flexible enough to accommodate the plunger movement. This requires precision molding of barrel and plunger. The resin formulation used for the barrel is self-lubricating so there is no need for additional lubrication with silicone oil.

Graduations

Scale markings typically in cubic centimetres (cc) or millilitre (ml) units. These units of measure are equivalent.

Barrel

Reservoir for holding liquid, clearly graduated to allow accurate and visual measurement of the syringe contents.

Flanges

The "wings" that jut out from the side of the syringe barrel providing an area or surface for the index finger and middle finger to grasp during aspiration or administration.

Thumb Press

The clinician presses to push the plunger rod down into the barrel to expel its content

Plunger Rod

A piston-like device inside the barrel
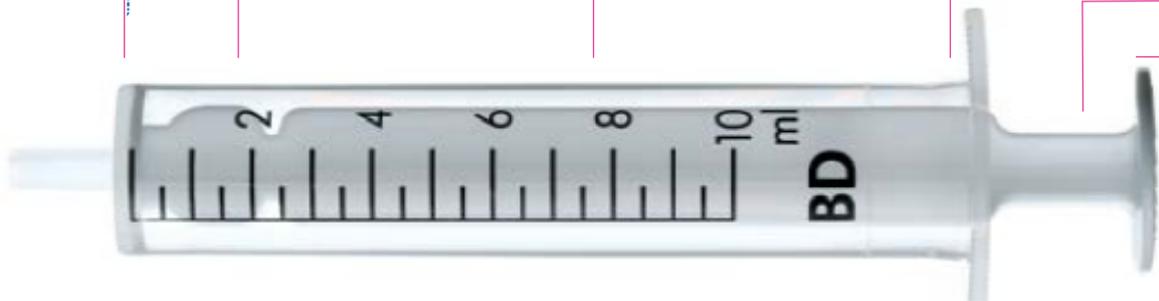
The anatomy of a 2-piece syringe (without stopper)
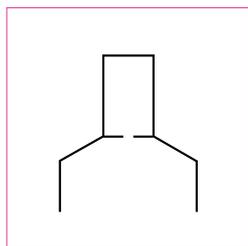
Concentric Luer Slip Tip:

A friction-fit connection that requires the clinician to insert the tip of the syringe into the needle hub or another attaching device in a push-and-twist manner. This will ensure a connection that is less likely to detach. Simply sliding the attaching device onto the syringe tip will not ensure a secure fitting.
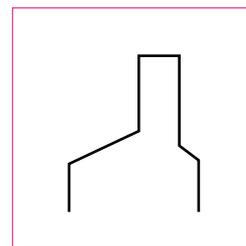
Eccentric Luer Slip Tip:

Allows for work requiring closer proximity to the skin. Generally used for venipunctures and aspiration of fluids. Also see luer slip instructions.

Syringes - 3-Piece Technology

Latex Free Stopper

Prevents leakage of medication around the plunger and acts as an indicator for measuring the syringe contents (see diagram).
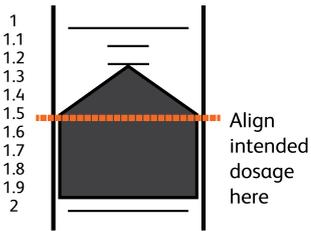
```
1
1.1
1.2
1.3
1.4
1.5      Align
1.6      intended
1.7      dosage
1.8      here
1.9
2
```

Graduations

Scale markings typically in cubic centimetres (cc) or millilitre (ml) units. These units of measure are equivalent. On insulin syringes, however, graduations are displayed in "units" based on the insulin concentration prescribed. (Example: U-100 means 100 units of insulin suspended within 1 ml of fluid. A 3/10 ml insulin syringe will accommodate up to 30 units when using U-100 insulin).

Barrel

Reservoir for holding liquid, clearly graduated to allow accurate and visual measurement of the syringe contents.

Flanges

The "wings" that jut out from the side of the syringe barrel providing an area or surface for the index finger and middle finger to grasp during aspiration or administration.

Thumb Press

The clinician presses to push the plunger rod down into the barrel to expel its content

Plunger Rod

A piston-like device inside the barrel
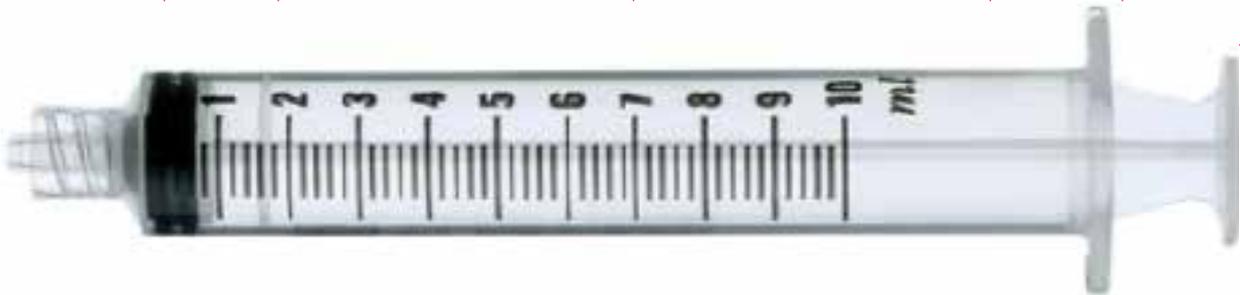
The anatomy of a 3-piece syringe (with stopper)
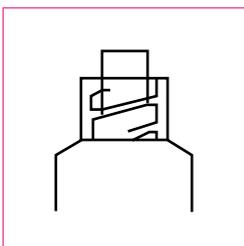
Luer Lock Tip:

Generally used for injections requiring a secure connection of the syringe to another device. The tip is threaded for a "locking" fit, and is compatible with a variety of needles, catheters and other devices.
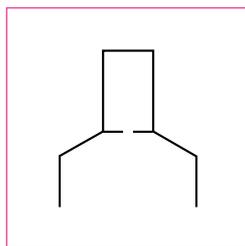
Concentric Luer Slip Tip:

A friction-fit connection that requires the clinician to insert the tip of the syringe into the needle hub or another attaching device in a push-and-twist manner. This will ensure a connection that is less likely to detach. Simply sliding the attaching device onto the syringe tip will not ensure a secure fitting.
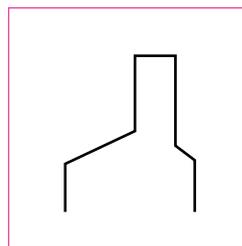
Eccentric Luer Slip Tip:

Allows for work requiring closer proximity to the skin. Generally used for venipunctures and aspiration of fluids. Also see luer slip instructions.
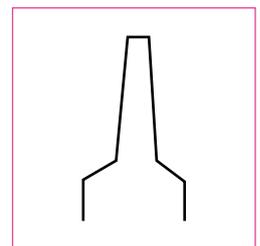
Catheter Tip:

Used for flushing (cleaning) catheters, gastrostomy tubes and other devices. Insert catheter tip securely into catheter or gastrostomy tube. If leakage occurs, refer to your facility's guidelines.

BD Discardit™ II - 2-Piece Syringe

- Transparent barrel for good visualization of syringe content
- Smooth plunger movement, reduced sliding force
- Leak-tight
- Accurate graduation suited to user's needs
- Retaining ring to prevent accidental plunger rod withdrawal
- Design of finger grip flanges ensures stability and comfort during injection
- Ergonomically designed plunger for single-handed operation
- Sterile, single-use
- Natural Rubber Latex is not part of the material formulation

BD Discardit™ II Syringes

Product Code	Capacity (ml)	Tip	Scale (ml)	Units/ Box	NHS Supply Chain Code
300928	2	Luer slip concentric	0.1	100	FWC247
309050	5	Luer slip eccentric	0.2	100	FWC248
309110	10	Luer slip eccentric	0.5	100	FWC249
300296	20	Luer slip eccentric	1	80	FWC250

BD Discardit™ II Syringes with Detached BD Microlance™ Needle

Product Code	Gauge	Capacity (ml)	Tip	Length (mm)	Length (inch)	Colour code	Scale (ml)	Units/ Box	NHS Supply Chain Code
300322	23 G	2	Luer slip concentric	25	1"	Blue	0.1	100	-
300320	22 G	2	Luer slip concentric	30	1 1/4"	Black	0.1	100	-
300318	21 G	2	Luer slip concentric	40	1 1/2"	Green	0.1	100	-
300325	21 G	2	Luer slip concentric	16	5/8"	Green	0.1	100	-
300516	23 G	5	Luer slip eccentric	30	1 1/4"	Blue	0.2	100	-
300513	22 G	5	Luer slip eccentric	30	1 1/4"	Black	0.2	100	-
300512	21 G	5	Luer slip eccentric	40	1 1/2"	Green	0.2	100	-
300626	22 G	10	Luer slip eccentric	30	1 1/4"	Black	0.5	100	-
301001	21 G	10	Luer slip eccentric	40	1 1/2"	Green	0.5	100	-
300330	21 G	20	Luer slip eccentric	40	1 1/2"	Green	1	80	-

BD Plastipak™ - 3-Piece Syringe

- Clear barrel for visualization of syringe content
- Bold scale printing to aid in setting for a more accurate dosage of medication
- Special silicone lubrication ensures that plunger moves smoothly and evenly
- Retaining ring to prevent accidental plunger rod withdrawal
- Leak-tight (locking facility on BD Luer-Lok™ syringes)
- BD Luer-Lok™ needle hub or extension line can be safely locked on the syringe
- Not autoclavable
- Sterile, single-use
- Natural Rubber Latex is not part of the material formulation

BD Plastipak™ Syringes with Luer-Lok™ Tip

Product Code	Capacity (ml)	Tip	Scale (ml)	Units/ Box	NHS Supply Chain Code
309658	3	concentric	0.1	200	FWC244
309649	5	concentric	0.2	125	FWC224
305959	10	concentric	0.2	100	FWC428
300629	20	concentric	1	120	FWD018
301189	20	concentric	1	60	-
301229	30	concentric	1	60	FWC067
300865	50	concentric	1	60	FWC036
300869	50, amber	concentric	1	60	-

BD Plastipak™ Syringes with Luer Slip Tip

Product Code	Capacity (ml)	Tip	Scale (ml)	Units/ Box	NHS Supply Chain Code
300613	20	eccentric	1	120	FWC021
301183	20	eccentric	1	60	-
301231	30	eccentric	1	60	FWC067
300866	50	eccentric	1	60	FWC035

BD Plastipak™ Syringes with Catheter Tip

Product Code	Capacity (ml)	Tip	Scale (ml)	Units/ Box	NHS Supply Chain Code
300867	50	concentric	1	60	FWC036
300605	100 with luer slip adapter	concentric	2	50	-

BD Plastipak™ Syringes with BD Luer-Lok™ Tip and Attached Needle

Product Code	Gauge	Capacity (ml)	Length (mm)	Length (inch)	Scale (ml)	Units/ Box	NHS Supply Chain Code
309742	14 G	50	30	1 1/4"	1	60	-
309743	14 G	50, amber	40	1 1/4"	1	60	-

BD Emerald™, 3-Piece Syringe

- For general purpose use. Specialized design features benefit clinicians, patients and the environment
- Green stopper and bold scale markings to aid in setting an accurate dose
- Clear barrel to allow for a clear view of fluid
- Retaining ring to help prevent accidental plunger rod pullout
- Flange size and shape to provide stability and comfort during use
- Textured thumb press to reduce slippage during administration
- Minimizes waste disposal – has up to 30% less material than other syringes*
- Sterile, single use
- Natural Rubber Latex is not part of the material formulation

BD Emerald™ Syringes

Product Code	Capacity (ml)	Tip	Scale (ml)	Units/ Box	NHS Supply Chain Code
307727	2	Luer slip concentric	0.1	100	FWC253
302986	3	Luer slip concentric	0.1	100	-
307731	5	Luer slip concentric	0.2	100	FWC254
307736	10	Luer slip concentric	0.2	100	FWC255

BD Emerald™ Syringes with Attached Needle

Product Code	Gauge	Capacity (ml)	Tip	Length (mm)	Length (inch)	Scale (ml)	Units/ Box	NHS Supply Chain Code
307741	23 G	2	Luer slip concentric	30	1 1/4"	0.1	100	-
307740	23 G	2	Luer slip concentric	25	1"	0.1	100	FWD250
307728	22 G	2	Luer slip concentric	30	1 1/4"	0.1	100	FWD249
307735	23 G	5	Luer slip concentric	30	1 1/4"	0.2	100	-
307733	22 G	5	Luer slip concentric	30	1 1/4"	0.2	100	-
307732	21 G	5	Luer slip concentric	40	1 1/2"	0.2	100	FWD251
307738	22 G	10	Luer slip concentric	30	1 1/4"	0.2	100	-
307737	21 G	10	Luer slip concentric	40	1 1/2"	0.2	100	FWD252

*Data on file. Based on combined average of leading syringe brands worldwide.

BD Plastipak™, 3-piece Syringe, 1 ml low dosage

- Low dose syringes make it easier to accurately measure a small dose than with large capacity syringes
- With or without needle
- 1 ml syringes with 0.01 ml graduations
- Syringe barrel and piston made of polypropylene
- Sterile, single use
- Natural Rubber Latex is not part of the material formulation

BD Plastipak™ 1 ml Syringes

Product Code	Description	Tip	Scale	Units/ Box	NHS Supply Chain Code
303174	1 ml Insuline I.U. 100	Luer slip concentric	U 100	120	-
303173	1 ml Insuline I.U. 40	Luer slip concentric	U 40	120	-
303172	1 ml Tuberculin	Luer slip concentric	0.01 ml	120	FWC429
309628	1 ml polycarbonate	Luer lock	0.01 ml	100	FWC121

BD Plastipak™ 1 ml Syringes with Needle

Product Code	Description	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
303177	1 ml Insuline I.U. 40	30 G	13	1/2"	Yellow	100	-
303178	1 ml Insuline I.U. 100	26 G	10	3/8"	Brown	100	-
303179	1 ml Insuline I.U. 100	25 G	16	5/8"	Orange	120	-
303176	1 ml Tuberculin	26 G	10	3/8"	Brown	120	FWC430
303175	1 ml Tuberculin	25 G	10	3/8"	Orange	120	-

BD Plastipak™ 1 ml Sub-Q and 1 ml Test Syringes

- Low dose syringes make it easier to accurately measure a small dose than with a large capacity syringe
- With or without needle
- 1 ml syringes with 0.01 ml graduations
- Syringe barrel and piston made of polypropylene
- Sterile, disposable single use

BD Plastipak™ 1 ml Sub-Q and 1 ml Syringes with Integrated Needle

Product Code	Description	Gauge	Length (mm)	Length (inch)	Bevel	Scale (ml)	Colour code	Units/ Box	NHS Supply Chain Code
305501	1 ml Sub-Q	26 G	13	1/2"	Intradermal	0.01	Brown	100	-
305502	1 ml Test	27 G	10	3/8"	Regular	0.01	Grey	100	-

BD Plastipak™ Syringes with BD Luer-Lok™ Tip

Product Code	Gauge	Capacity (ml)	Length (mm)	Length (inch)	Scale (ml)	Units/ Box	NHS Supply Chain Code
309742	14 G	50	30	1 1/4"	1	60	-
309743	14 G	50, amber	30	1 1/4"	1	60	-

BD UniVia™ Syringes Oral / Enteral

- Non-luer compatible BD UniVia™ connection designed to reduce the risk of tubing set misconnection
- Do not connect to luer or BD Luer-Lok™ connectors
- Amber coloured syringe protects light sensitive drugs
- Oral syringes are used for the transport and administration of non-injectable liquid medication
- Can be used in paediatric and geriatric departments
- Sterile, single use
- Natural Rubber Latex is not part of the material formulation

BD UniVia™ Oral/Enteral Syringe

Product Code	Capacity (ml)	Tip	Scale (ml)	Units/ Box	NHS Supply Chain Code
305851	1	Luer slip concentric	0.01	200	-
305853	3	Luer slip concentric	0.1	200	-
305855	5	Luer slip concentric	0.2	125	-
305857	10	Luer slip concentric	0.2	100	-
302836	30	Luer slip concentric	1	48	-
302837	20	Luer slip concentric	1	56	-
305863	60	Luer slip concentric	1	40	-
302435	Oral tip cap	Luer slip concentric	-	100	-

BD™ Convenience Pack

- Double bag ensures sterility of inner tray
- Tray cover does not produce visible fibers
- BD™ syringes in the tray are sterile
- Rigid tray - syringes stay together (opposite to bags)
- Same BD™ syringes as the one used in wards
- Sterile, single use
- Natural Rubber Latex is not part of the material formulation

BD™ Convenience Pack

Product Code	Description	Units Per Tray	Trays Per Box	NHS Supply Chain Code
302237	BD Plastipak™ 20 ml Luer-Lok™ Convenience Pack	25	4	-
302238	BD Plastipak™ 50 ml Luer-Lok™ Convenience Pack	10	4	-

BD™ Convenience Packs

Recent guidelines[†] have attributed to the pharmacist great responsibilities. Hazardous medicines should be prepared under appropriate conditions such as in centralized pharmacy and pharmacists must ensure that an appropriate quality system for compounded medicines is in place. In this changing environment technically savvy pharmacists seek to improve working practices. BD™ Convenience Pack could help.

BD™ Convenience Pack offers a tray containing multiple sterile, Luer-lock BD™ syringes, wrapped in a pouch that maintains tray surface sterile. The rigid tray keeps syringes together and no visible fibres are produced while opening it. By removing the need to disinfect and open many single-packaged syringe blisters, BD™ Convenience Pack helps facilitating the working process.

Injection - Needles

BD

Needle bevel types

Regular Bevel

Short Bevel

Intradermal Bevel

Needle wall thickness

Regular Wall

Thin Wall

Needle colour codes

30G	23G
29G	22G
28G	21G
27G	20G
26G	19G
25G	18G
24G	16G

BD Microlance™ 3 Needles

- Easy penetration, smooth gliding force during insertion/ withdrawal and reduced catheter friction while sliding through tissue is a result of the following:
  - Three bevel precision grinding of needle bevel
  - Targeted needle surface polishing process
  - Proprietary needle lubrication process
- Thin walls permit the use of thinner needles with larger lumen thus increasing flow rates during injection and collection
- Recommended use: intradermal, subcutaneous, intramuscular, intravenous injections and aspiration
- BD Microlance™ needles can be connected to a Luer slip adapter or Luer-Lok™ connector
- Sterile, single use

BD Microlance™ 3 Needles

Product Code	Gauge	Length (mm)	Length (inch)	Wall	Colour code	Units/ Box	NHS Supply Chain Code
304000†	30 G	13	1/2"	Regular	Yellow	100	-
302200†	27 G	19	3/4"	Regular	Grey	100	-
300635†	27 G	13	1/2"	Regular	Grey	100	-
304300	26 G	16	5/8"	Regular	Brown	100	-
303800†	26 G	13	1/2"	Regular	Brown	100	-
300300†	26 G	10	3/8"	Regular	Brown	100	FTR159
300400†	25 G	25	1"	Regular	Orange	100	FTR095
300600†	25 G	16	5/8"	Regular	Orange	100	FTR140
304100†	24 G	25	1"	Regular	Violet	100	-
300700†	23 G	30	1 1/4"	Thin	Blue	100	FTR053
300800†	23 G	25	1"	Thin	Blue	100	FTR052
300094	22 G	50	2"	Regular	Black	100	-
301000†	22 G	40	1 1/2"	Thin	Black	100	-
300900†	22 G	30	1 1/4"	Thin	Black	100	-
304727	22 G	25	1"	Thin	Black	100	FTR1062
301155†	21 G	50	2"	Thin	Green	100	FTR615
304432†	21 G	40	1 1/2"	Thin	Green	100	FTR044
301156	21 G	25	1"	Thin	Green	100	-
304434	21 G	16	5/8"	Thin	Green	100	-
301300†	20 G	40	1 1/2"	Thin	Yellow	100	-
304827	20 G	25	1"	Thin	Yellow	100	-
301750	19 G	50	2"	Thin	Ivory	100	FTR112
301500†	19 G	40	1 1/2"	Thin	Ivory	100	FTR586
301700	19 G	25	1"	Thin	Ivory	100	-
304622†	18 G	40	1 1/2"	Thin	Pink	100	FTR739
301900†	18 G	50	2"	Regular	Pink	100	-
300637	16 G	40	1 1/2"	Regular	White	100	-

† Product also available in bulk non sterile.

BD Nokor™ Admix Needles

- Needle design features a catheter side port to place fluid on the side wall of a container during reconstitution
- Helps reduce foaming or spray of powered medication
- Sterile, single use

BD Nokor™ Admix Needles

Product Code	Gauge	Length (mm)	Length (inch)	Wall	Colour code	Units/ Box	NHS Supply Chain Code
300779	18 G	40	1 1/2"	Thin	Pink	100	FTR584
300780	16 G	25	1"	Thin	Violet	100	-

Injection - Safety Systems

BD

Needlestick injuries are an inherent risk of handling needles. They are very common among healthcare workers and can cause serious adverse effects, due to blood contact or injected agents. Whilst most needlestick injuries are minor, potentially serious and long-term complications can occur and have been reported.

No intervention can reduce needlestick injury risk to absolute zero but the use of safety devices can help reduce the risk of needlestick injury. To provide a comprehensive answer to healthcare workers, needs, and the safest possible working environment, BD supply an array of safety-engineered devices.

Nearly 25 years ago, BD pioneered safety injection with the introduction of the first safety syringe and is still committed to partnering with all healthcare organisations to protect healthcare workers from needlestick injuries and exposures to bloodborne pathogens.

BD safety engineered devices are not just additions or developments of existing products, they are the result of committed and continued investment in research, design and product development.

Our innovative technologies have been utilised across a broad range of products, resulting in:
- Complete and irreversible needle tip shielding
- Secure needle attachment
- Improved ergonomics for ease of handling in use.

Syringe-based safety devices

In syringe-based safety devices, the safety mechanism is built into the syringe.

The needle on a syringe-based safety device can be detachable or permanently attached. Typically, the needle is of a standard or conventional design.

Needle-based safety devices

In needle-based safety devices, the safety mechanism is built into the needle. The needle can be manually attached to a conventional syringe or a commercially prepared pre-filled syringe.

BD™ Blunt Fill and Blunt Filter Needles

- Fill needle with blunt tip
- 45° bevel avoids coring and designed to minimise the risk of needlestick injury
- Red hub and shield for easy identification as fill needle
- Also available with 5 micron filter for effective filtration of glass, metal, rubber and other contaminant particles
- Sterile, single use

BD™ Blunt Fill Needles

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
303129†	18 G	40	1 1/2"	Red	100	FTR1988
305181	18 G	25	1"	Red	100	-

† Product also available in bulk non sterile.

BD™ Blunt Fill Needle with 5 Micron Filter

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
305211†	18 G	40	1 1/2"	Purple	100	FTR436

† Product also available in bulk non sterile.

BD Emerald™ with BD™ Blunt Fill Needle

- BD Emerald™ with BD™ Blunt Fill Needle pre-attached for safe and efficient medication preparation process
- Sterile, single use

BD Emerald™ with BD™ Blunt Fill Needle

Product Code	Description	Gauge	Capacity (ml)	Length (mm)	Length (inch)	Units/ Box	NHS Supply Chain Code
303221	BD Emerald™ with BD™ Blunt Fill Needle	18 G	2	40	1 1/2"	100	-
303139	BD Emerald™ with BD™ Blunt Fill Needle	18 G	5	40	1 1/2"	100	-
303140	BD Emerald™ with BD™ Blunt Fill Needle	18 G	10	40	1 1/2"	100	-

BD Eclipse™ Safety Needle with SmartSlip™ Technology

- The SmartSlip™ Technology is specially designed for safe assembling of BD Eclipse™ needles to luer syringes
- Bevel oriented with safety cover to allow low angle injections
- No excess dead space - minimal medication waste
- When assembling BD Eclipse™ needles to a Luer slip syringe, an audible click indicates a safely assembled needle
- Safety activation immediately follows injection
- Wide, textured finger pad for thumb or forefinger
- Single-handed, one finger activation of the safety shield
- Sterile, single use

BD Eclipse™ Safety Needles

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
305771†	30 G	13	1/2"	Yellow	100	FTR1165
305770†	27 G	13	1/2"	Grey	100	FTR1167
305889	27 G	19	3/4"	Grey	100	FTR1173
302436	27 G	40	1 1/2"	Grey	100	FTR1176
305760†	25 G	16	5/8"	Orange	100	FTR470
305891†	25 G	25	1"	Orange	100	FTR1174
305892†	23 G	25	1"	Blue	100	FTR471
305886†	23 G	30	1 1/4"	Blue	100	FTR1172
305887	22 G	30	1 1/4"	Black	100	FTR1171
305894	21 G	25	1"	Green	100	FTR1168
305895†	21 G	40	1 1/2"	Green	100	FTR473
305899†	20 G	25	1"	Yellow	100	FTR473
305888†	20 G	40	1 1/2"	Yellow	100	FTR1169
302437†	18 G	40	1 1/2"	Pink	100	FTR1175

BD Eclipse™ Safety Needles with BD Luer-Lok™ Syringe

Product Code	Gauge	Capacity (ml)	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
305781	25 G	3	16	5/8"	Orange	50	-
305782	23 G	3	25	1"	Blue	50	-
305783	22 G	3	40	1 1/2"	Black	50	-
305785	22 G	5	40	1 1/2"	Black	50	-
305786	22 G	10	40	1 1/2"	Black	50	-
305784	21 G	3	40	1 1/2"	Green	50	-

† Product also available in bulk non sterile.

BD Integra™ Syringe with Detachable, Retracting Needle

- BD Integra™ Syringe with spring-based retracting needle combines innovative technology with BD quality and comfort.
- The unique non-luer thread design - BD Tru-Lok™ of the BD Integra™ detachable needle provides:
  - Secure connection
  - Significantly lower waste space volume as compared to a traditional Luer-Lok™ syringe and needle
  - Less waste space can reduce drug wastage
- Complete dosing ensured prior to activation
- BD Integra™ Blunt Needle allows change of needle for aspiration and administration
- No change in technique
- Safety activation immediately follows injection, needle is completely retracted into the syringe barrel and syringe and needle cannot be reused
- Sterile, single use

BD Integra™ Syringe Only

Product Code	Capacity	Units/ Box	NHS Supply Chain Code
305283	3 ml	100	FWC170

BD Integra™ Retracting Needles

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
305310	25 G	16	5/8"	Orange	100	FTR474
305311	25 G	25	1"	Orange	100	-
305312	23 G	25	1"	Blue	100	FTR476
305313	22 G	40	1 1/2"	Black	100	-

BD Integra™ Blunt Fill Needle (non-retracting drawing up needle)

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
305275	18 G	40	1 1/2"	Red	100	-

BD Integra™ Blunt Fill Needle with 5 Micron Filter (non-retracting drawing up needle)

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
305833	18 G	40	1 1/2"	Red	100	-

BD Integra™ Syringes with Pre-attached Retracting Needle

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
305269	25 G	16	5/8"	Orange	100	-
305270	25 G	25	1"	Orange	100	-
305271	23 G	25	1"	Blue	100	-
305272	22 G	40	1 1/2"	Black	100	-
305273	21 G	25	1"	Green	100	-
305274	21 G	40	1 1/2"	Green	100	FWD081

IV Catheters

Colour Coding and Corresponding Sizes of Cannula/Catheter

Gauge[3]	Colour[1,2]	Outside diameter of Catheter in mm	Range of actual outside diameter in mm
26	Purple	0.6	0.550 to 0.649
24	Yellow	0.7	0.650 to 0.749
22	Blue	0.8; 0.9	0.750 to 0.949
20	Pink	1.0; 1.1	0.950 to 1.149
18	Green	1.2; 1.3	1.150 to 1.349
17	White	1.4; 1.5	1.350 to 1.549
16	Grey	1.6; 1.7; 1.8	1.550 to 1.849
14	Orange	1.9; 2.0; 2.1; 2.2	1.850 to 2.249
13	Red	2.3; 2.4; 2.5	2.250 to 2.549
12	Light Blue	2.6; 2.7; 2.8	2.550 to 2.849
10	Tan	3.3; 3.4	3.250 to 3.549

1) The Colour may be opaque or translucent
2) The Colour coding is usually applied to the catheter hub or to an integral fitting
3) The use of gauge numbers is optional

Cannulae/Catheter Conversions. Outer Diameters/ Gauge - French Sizes

The definition of gauge measurement comes from the AAMI (Association for the Advancement of Medical Instrumentation - USA). This states how many cannula fit into a tube with an inner diameter of 1" (1 inch = 25.4mm).

The Charriere, commonly known as French, relates directly to the catheter size i.e. 1Ch = 0.33mm. In the following table the measurements of the AAMI - SWG - French are shown in relation to the outer ø in mm.
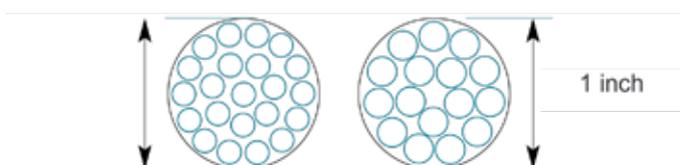
The AAMI uses even numbers (18, 20, 22, etc.) as measuring units.

A similar measurement definition exists in UK and Ireland and this is known as the SWG (Standard Wire Gauge). The SWG uses consecutive numbers, i.e. 13 to 24, and is the common method of measurement for catheters in Europe.

Table SWG - AAMI Outer Ø mm
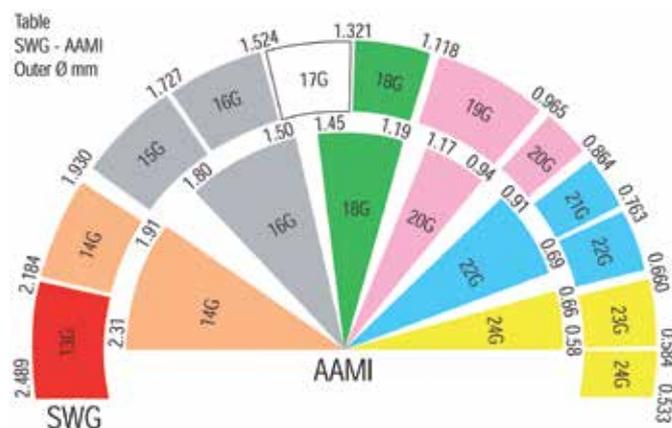
BD Vialon™ Biomaterial

- BD Vialon™ Biomaterial is a proprietary polyurethane, developed especially for vascular access.

BD Vialon™ is clinically proven to

- Increase the ease of penetration[1]
- Reduce the risk of infiltration[2]
- Reduce the risk of phlebitis thereby reducing costs and increasing indwell times[1,3,4,5]
- Exhibit greater kink resistance ensuring consistent flow rates[1,3]
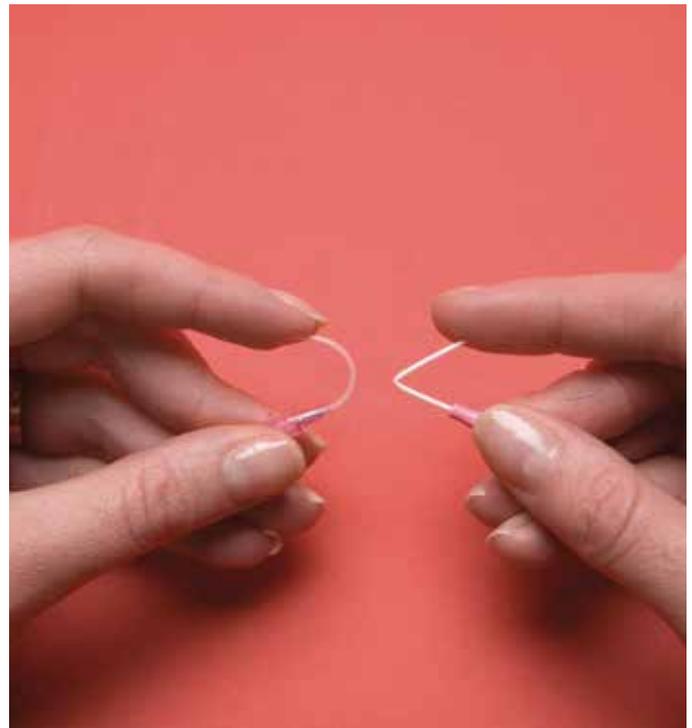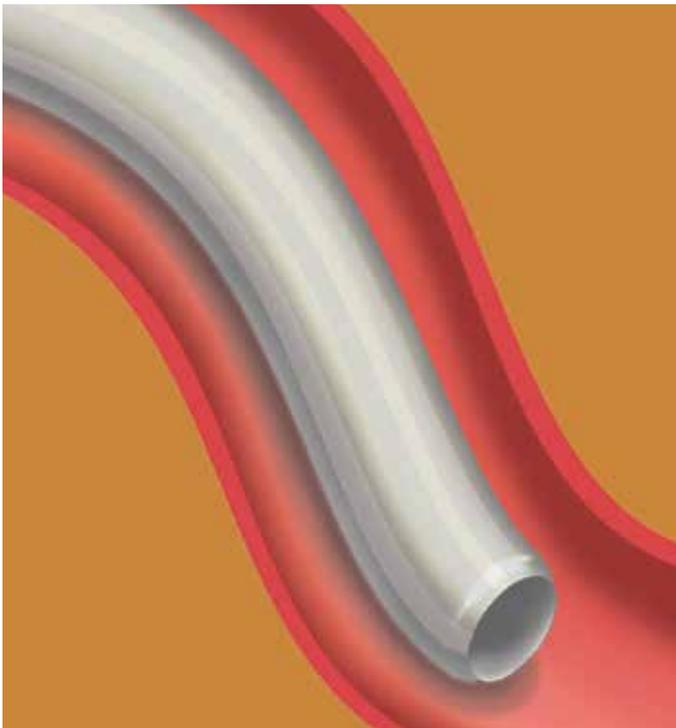
Products Manufactured with BD Vialon™

- BD Insyte™
- BD Insyte-N™ Autoguard™
- BD Insyte™ Autoguard™
- BD Insyte™ Autoguard™ BC

- BD Insyte-W™
- BD Insyte-N™
- BD Nexiva™
- BD Nexiva Diffusics™

- BD Saf-T-Intima™
- BD Venflon™ Pro
- BD Venflon™ Pro Safety

1.   Gaukrager PB, Roberts JG, Manners TA; Infusion thrombophlebitis: A prospective comparison of 645 Vialon™ and Teflon® cannulae in anaesthetic and post-operative use. Anaesth. Intens. Care 1988; 16:265 - 271

2.   Stanley MD, Meister E, Fuschuber K; Infiltration during intravenous therapy in neonates: Comparison of Teflon® and Vialon™ catheters. South Med J 1992; 85(9):883 - 886.

3.   Jacquot C, Fauvage B, Bru JP, Croize J, Calop J; Effect of type of material on thrombophlebitis risk with peripheral venous catheters. Ann Fr Anestha Réanim 1989; 8:3 - 7.

4.   Maki DG, Ringer M; Risk factors for infusion-related phlebitis with small peripheral venous catheters: a randomised controlled trial. Ann. Intren. Med 1991; 114:845 - 854.

5.   McKee JM, Shell JA, Warren TA, Campbell VP; Complications of intravenous therapy; a randomised prospective study - Vialon™ vs Teflon®. J Intrav. Nurs, 1989; 12(5): 288 - 295

BD Instaflash™ Technology - Designed to Increase First-stick Success
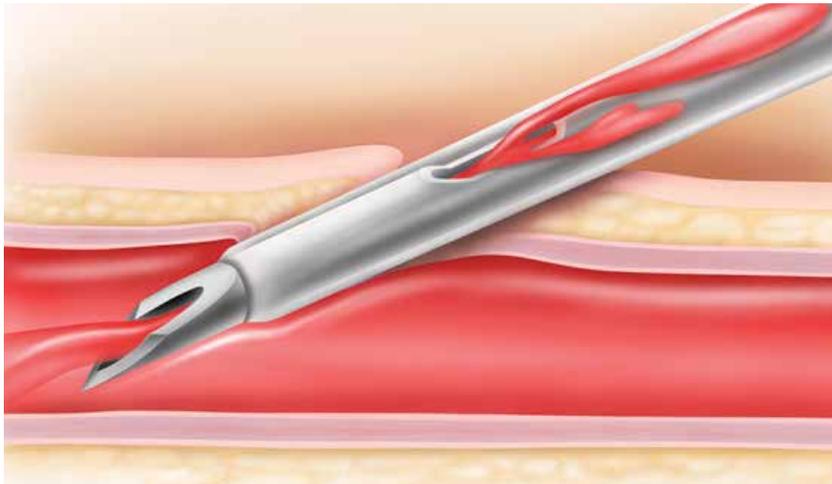
- A successful first-stick is important for both the user and the patient, especially when accessing small and compromised veins
- BD Instaflash™ Needle Technology is designed to reduce hit-and-miss insertion by immediately confirming vessel entry through a unique notch in the needle shaft

Products Manufactured with BD Instaflash™

- BD Insyte™
- BD Insyte-N™
- BD Insyte™ Autoguard™
- BD Insyte-N™ Autoguard™
- BD Insyte™ Autoguard™ BC
- BD Nexiva™
- BD Nexiva Diffusics™
- BD Insyte-A™ Arterial Catheters
- BD Venflon™ Pro Safety
- BD Cathena™
- BD Neoflon™ Pro Safety

Please note that any product/Stock Keeping Unit (SKU) without an NHS Supply Chain ordering code, may not be commercially available in the UK.

BD Venflon™ Peripheral Ported IV Catheter

- Permits needle-free administration of bolus medications during infusion
- Back-cut needle bevel and tapered end of the PTFE (Polytetrafluroethylene) catheter allow easier insertion and minimise the risks of vein damage
- The improved design of the injection port cap ensures easy opening and secure closing, whilst avoiding touch contamination of the injection port and valve
- Flexible wings stabilise the catheter in the vein and provide comfortable securement for the patient
- Grip is ergonomically designed to allow for a variety of user techniques and to aid insertion
- BD Luer-Lok™ compatible
- Sterile, single use

BD Venflon™ Peripheral Ported IV Catheter

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/ min)	Colour code	Units/ Box	NHS Supply Chain Code
391451	22 G	25	31	Blue	50	FSP601
391452	20 G	32	54	Pink	50	FSP033
391457	18 G	32	80	Green	50	-
391453	18 G	45	80	Green	50	FSP610
391454	17 G	45	125	White	50	FSP615
391455	16 G	45	180	Grey	50	FSP620
391456	14 G	45	270	Orange	50	FSP620

BD Venflon™ Pro IV Catheter

- Familiar ported design with 'snap-cap' aids non-touch technique, which helps prevent port being inadvertently left open
- Improved flow rate when compared with FEP (Fluorinated ethylene propylene) polymer catheters, as BD Venflon™ allows for a larger internal diameter
- Flexible wings stabilize the catheter in the vein and provide comfortable securement
- BD Luer-Lok™ compatible
- Includes all the benefits of BD Vialon™
- Sterile, single use
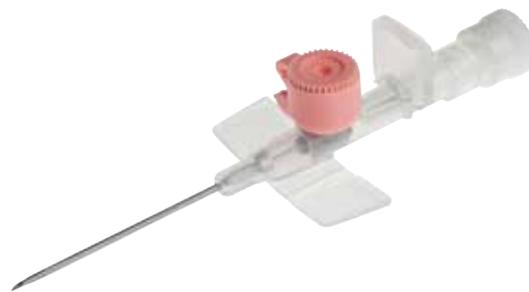
BD Venflon™ Pro IV Catheter

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
393202	22 G	25	42	Blue	50	FSN047
393204	20 G	32	67	Pink	50	FSN048
393206	18 G	32	103	Green	50	-
393207	18 G	45	103	Green	50	FSN049
393208	17 G	45	133	White	50	FSN109
393209	16 G	45	236	Grey	50	FSN050
393210	14 G	45	270	Orange	50	FSN052

BD Venflon™ Pro Safety

- BD Venflon™ Pro Safety needle-protected IV catheter combines all the advantages of the original BD Venflon™ Pro with second generation safety protection features against needlestick injuries
- Needle shield
    - Once activated, the needle tip is fully encapsulated inside the protection mechanism
    - Unique design captures residual blood safely within the device and minimises the risk of unanticipated blood splatter during and after activation
    - Needle safely encased in smooth edged plastic shield
- Includes all the benefits of BD Vialon™
- Sterile, single use

BD Venflon™ Pro Safety

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
393222	22 G	25	42	Blue	50	FSP639
393224	20 G	32	67	Pink	50	FSP796
393226	18 G	32	103	Green	50	FSP4526
393227	18 G	45	103	Green	50	FSP797
393228	17 G	45	133	White	50	FSP4527
393229	16 G	45	236	Grey	50	FSP798
393230	14 G	45	270	Orange	50	FSP803

BD Insyte™ Peripheral IV Catheters

- Includes all the benefits of BD Vialon™ and BD Instaflash™ technology
- Sterile, single use

BD Insyte™

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381212	24 G	19	24	Yellow	50	FSP214
381223	22 G	25	36	Blue	50	FSP083
381234	20 G	30	60	Pink	50	FSP174
381237	20 G	48	55	Pink	50	FSP085
381244	18 G	30	105	Green	50	-
381247	18 G	48	95	Green	50	FSP086
381257	16 G	45	215	Grey	50	FSP088
381267	14 G	45	330	Orange	50	FSP089

BD Insyte-W™ Winged

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381312	24 G	19	25	Yellow	50	FSP009
381323	22 G	25	35	Blue	50	FSP197
381334	20 G	30	60	Pink	50	FSN266
381337	20 G	48	55	Pink	50	-
381344	18 G	30	105	Green	50	-
381357	16 G	45	215	Grey	50	FSN262

BD Insyte™ Autoguard™ Peripheral Safety IV Catheters

- Designed for a successful first-stick
- Patented safety mechanism activation
- The push-button holds the needle unit in the extended position until the user activates the mechanism
- Pressing the push-button releases the spring so that the needle/ flashback chamber retracts into the safety barrel
- BD Luer-Lok™ compatible
- Includes all the benefits of BD Vialon™ and BD Instaflash™ Technology
- Sterile, single use

BD Insyte™ Autoguard™

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381812	24 G	19	20	Yellow	50	FSP281
381823	22 G	25	35	Blue	50	FSP283
381833	20 G	25	65	Pink	50	-
381834	20 G	30	60	Pink	50	FSP289
381837	20 G	48	55	Pink	50	-
381844	18 G	30	105	Green	50	-
381847	18 G	48	95	Green	50	FSP293
381854	16 G	30	220	Grey	50	-
381857	16 G	45	205	Grey	50	FSP296
381867	14 G	45	330	Orange	50	FSP298

BD Insyte™ Autoguard-W™

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381912	24 G	19	20	Yellow	50	FSP299
381923	22 G	25	35	Blue	50	FSP301
381933	20 G	30	65	Pink	50	FSP303
381934	20 G	30	60	Pink	50	-
381937	20 G	48	55	Pink	50	-
381944	18 G	30	105	Green	50	FSP311
381947	18 G	48	95	Green	50	-
381954	16 G	30	220	Grey	50	FSP317
381957	16 G	45	205	Grey	50	-

BD Insyte™ Autoguard™ BC with Blood Control Technology

- Includes all the benefits of BD Vialon™ and BD Instaflash™ Technology
- Sterile, single use

BD Insyte™ Autoguard™ BC

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381012	24 G	19	20	Yellow	50	-
381023	22 G	25	37	Blue	50	-
381033	20 G	25	63	Pink	50	-
381034	20 G	30	61	Pink	50	-
381037	20 G	48	54	Pink	50	-
381044	18 G	30	95	Green	50	-
381047	18 G	48	87	Green	50	-
381054	16 G	30	193	Grey	50	-
381057	16 G	45	185	Grey	50	-

BD Insyte™ Autoguard™ BC Winged

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381912	24 G	19	20	Yellow	50	-
381923	22 G	25	37	Blue	50	-
381933	20 G	25	63	Pink	50	-
381934	20 G	30	61	Pink	50	-
381937	20 G	48	54	Pink	50	-
381944	18 G	30	95	Green	50	-
381947	18 G	48	87	Green	50	-
381954	16 G	30	193	Grey	50	-
381957	16 G	45	185	Grey	50	-

BD Cathena™ Non-ported IV Catheter

- Features blood control BD Multiguard™ technology, which is designed to stop the flow of blood from the catheter hub until a Luer connection is made.
    - › Multiguard™ provides reduction of accidental blood exposure for patients and healthcare worker
- Incorporate a triple flash confirmation system for a visual confirmation of vessel entry improving first stick success
    - › BD Instaflash™ Needle Technology allowing for immediate visualization of blood along the catheter
    - › A secondary confirmation into the flash chamber confirming that the catheter is in the vessel
    - › A third flashback occurs when blood flows into the coloured catheter hub giving further confirmation that the catheter is still in the vein lumen after needle removal
- The needle tip is fully encapsulated when the needle is removed, reducing the risk of accidental needlestick injury
- Available with and without wings
- Suitable for a variety of insertion technique
- MRI Conditional
- Sterile, single use

BD Cathena™ Non-ported IV Catheter

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/min)	Colour code	Wings	Units/ Box	NHS Supply Chain Code
386807	24	19	21	Yellow		50	FSP4535
386815	24	19	21	Yellow	✓	30	FSP4541
386806	22	25	38	Blue		50	FSP4534
386813	22	25	38	Blue	✓	30	FSP4540
386803	20	25	66	Pink		50	FSP4532
386804	20	32	64	Pink		50	FSP4533
386810	20	25	66	Pink	✓	30	FSP4538
386811	20	32	64	Pink	✓	30	FSP4539
386801	18	32	94	Green		50	FSP4536
386808	18	32	94	Green	✓	30	FSP4542
386816	16	32	212	Grey		50	FSP4531
386819	16	32	212	Grey	✓	30	FSP4537

BD Saf-T-Intima™ Integrated Safety IV Catheter System

- Needle protection device that withdraws the needle into a safety barrel, as soon as the needle is removed, to minimise the risk of accidental needlestick injuries
- Luer lok compatible
- The 22g and 24g are approved for subcutaneous infusion therapy
- BD Saf-T-Intima™ is available in straight or Y adaptor for continuous or bolus infusion requirements
- Includes all the benefits of BD Vialon™
- Sterile, single use
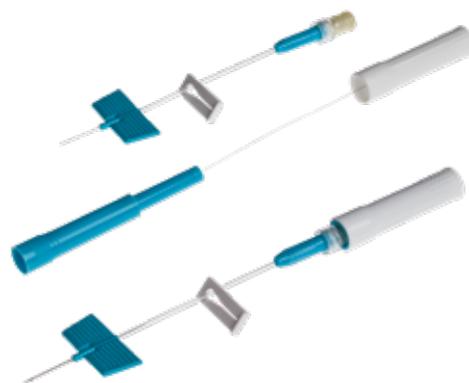
BD Saf-T-Intima™ with Y-Adapter

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
383319	24 G	19	22	Yellow	25	FSP324
383329	22 G	19	36	Blue	25	FSP325
383339	20 G	25	55	Pink	25	FSP329
383348	18 G	25	82	Green	25	FSP4522

BD Saf-T-Intima™ without Y-Adapter

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
383318	24G	19	22	Yellow	25	FSP318
383328	22 G	19	36	Blue	25	FSP319
383338	20 G	25	55	Pink	25	FRZ4000

BD Nexiva™ Closed IV Catheter System

- BD Nexiva™ Closed IV Catheter System is a pre-assembled configuration which combines separate IV components into a single integrated peripheral catheter
- Can be used with power injectors up to a maximum pressure of 300 psi
- The built-in stabilisation platform is soft and flexible, and is designed to help minimise catheter movement in the vessel which may increase catheter dwell time
- BD Q-Syte™ luer access split septum* needle-free connector
- Includes all the benefits of BD Vialon™ and BD Instaflash™ Technology
- Sterile, single use

BD Nexiva™ - Closed IV Catheter System - Dual Port (Y connector with 2 Q-Syte)

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
383530	24 G	14	14	Yellow	20	FSP4518
383531	24 G	19	13	Yellow	20	FSP2235
383532	22 G	25	27	Blue	20	FSP2236
383536	20 G	25	54	Pink	20	FSP2237
383537	20 G	32	52	Pink	20	FSP4519
383539	18 G	32	84	Green	20	FSP2238
383540	18 G	45	78	Green	20	FSP4521

* Dual Port Only

BD Nexiva™ Closed IV Catheter System - Single Port

Product Code	Gauge	Catheter length (mm)	Flow rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
383510	24 G	14	16	Yellow	20	-
383511	24 G	19	15	Yellow	20	-
383512	22 G	25	30	Blue	20	-
383516	20 G	25	54	Pink	20	-
383517	20 G	32	52	Pink	20	-
383519	18 G	32	81	Green	20	-

BD Nexiva Diffusics™ Closed IV Catheter System

- Designed for radiographic power injection
- This all-in-one BD IV access system includes the IV catheter, extension set and stabilisation platform
- Pre-assembled closed IV catheter system designed to help minimise blood exposure, improve catheter stabilisation, enhance insertion success with BD Instaflash™ needle technology
- Specifically designed for use in radiology: engineered to deliver power injection and infusion therapy needs, allowing clinicians easy IV access and delivery of the desired injection protocol flow rates in diagnostic imaging
- Three lasercut teardrop shaped holes are located in the catheter tip to maximise the diffusion of contrast into the vein. The BD Diffuser tip acts to reduce the intensity of flow exiting the catheter tip, which may decrease stress on the vein wall
- Compatible with Power Injectors 325 psi setting and can meet high flow rate injection protocols
- Includes all the benefits of BD Vialon™ and BD Instaflash™ Technology
- Sterile, single use

BD Nexiva Diffusics™ Closed IV Catheter System

Product Code	Gauge	Catheter length (mm)	Colour code	Units/ Box	NHS Supply Chain Code
383691	24 G	19	Yellow	20	FSP2638
383692	22 G	25	Blue	20	FSP2639
383693	20 G	25	Pink	20	FSP2640
383694	20 G	32	Pink	20	FSP2641
383695	18 G	32	Green	20	FSP2642

BD Angiocath™ Peripheral IV Catheter

- Made of radiopaque FEP polymer
- Thermo-moulded bevel ensures excellent penetration properties
- Recommended for infusion, transfusion, angiography
- Triple-bevel needle
- Transparent clear flashback chamber
- Available in longer lengths (14 G and 16 G available with 83 mm and 133 mm long catheters)
- Diameters 12 G and 10 G permit very large volume emergency infusions
- BD Luer-Lok™ compatible
- Sterile, single use

BD Angiocath™ Peripheral IV Catheter

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381112	24 G	19	17	Yellow	50	FSN381
381123	22 G	25	28	Blue	50	FSN075
381134	20 G	30	49	Pink	50	FSN278
381137	20 G	48	42	Pink	50	-
381144	18 G	30	86	Green	50	-
381147	18 G	48	79	Green	50	-
381154	16 G	30	156	Grey	50	-
381157	16 G	48	147	Grey	50	-
382258	16 G	83	127	Grey	10	FSN450
382259	16 G	133	108	Grey	10	FSN460
381164	14 G	30	295	Orange	50	-
381167	14 G	48	277	Orange	50	-
382268	14 G	83	249	Orange	10	-
382269	14 G	133	219	Orange	10	FSP3278
382277	12 G	76	449	Light Blue	10	-
382287	10 G	76	609	Brown	10	-

BD Insyte-N™ Peripheral IV Catheters

- Dedicated to small veins
- 14mm long needle, one of the shortest on the market, to accomodate small veins and provide a greater choice of insertion sites
- Recommended for fragile veins and low venous pressure
- BD Luer-Lok™ compatible
- Includes all the benefits of BD Vialon™ and BD Instaflash™ Technology
- Sterile, single use

BD Insyte-N™

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381211	24 G	14	24	Yellow	50	FSP406

BD Insyte-N™ Winged

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381311	24 G	14	24	Yellow	50	-

BD Insyte-N™ Autoguard™ Peripheral Safety IV Catheters

- 14 mm long, one of the shortest on the market to accomodate small veins and provide a greater choice of insertion sites
- Recommended for fragile veins and low venous pressure
- BD Luer-Lok™ compatible
- Includes all the benefits of BD Vialon™ and BD Instaflash™ Technology
- Sterile, single use

BD Insyte-N™ Autoguard™

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/min)	Colour code	Units/ Box	NHS Supply Chain Code
381811	24 G	14	20	Yellow	50	-

BD Insyte-N™ Autoguard™ Winged

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/ min)	Colour code	Units/ Box	NHS Supply Chain Code
381911	24 G	14	20	Yellow	50	FSP279

BD Neoflon™ Peripheral IV Catheter

- For the puncture of small fragile vessels - dedicated to small veins
- 24 G and 26 G PTFE catheter for the puncture of small fragile vessels
- Unique design of the detachable wing holder makes the catheter easier to hold, using either a ported or non-ported grip
- Flexible wings facilitate secure fixation, without the need to immobilise the limb
- Sterile, single use

BD Neoflon™ Peripheral IV Catheter

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/ min)	Colour code	Units/ Box	NHS Supply Chain Code
391350	24 G	19	13	Yellow	50	FSP070

BD Neoflon™ Pro Safety Paediatric IV Catheter

- Dedicated safety paediatric IV catheter designed to access small and fragile veins
- Incorporates a triple flash confirmation system for a visual confirmation of small vessel entry to help improve first stick success
  - BD Instaflash™ Needle Technology allowing for immediate visualization of blood along the catheter
  - A secondary confirmation into the flash chamber confirming that the catheter is in the vessel
  - A third flashback occurs when blood flows into the coloured catheter hub giving further confirmation that the catheter is still in the vein lumen after removal
- The needle tip is fully protected when the needle is removed, reducing the risk of accidental needlestick injury
- Includes all the benefits of BD Vialon™ engineered to reduce the risk of mechanical phlebitis
- Low profile offering an optimized catheter securement

BD Neoflon™ Pro Safety Paediatric IV Catheter

Product Code	Gauge	Catheter length (mm)	Flow Rate (ml/min)	Colour code	Wings	Units/ Box	NHS Supply Chain Code
391662	24	19	21	Yellow	✓	30	FSB2320
391660	24	19	21	Yellow		50	-

Arterial Catheters

BD Insyte-A™ Arterial Catheter

- Depressing the plunger minimises back flow of blood, reducing the risk of blood exposure
- Guidewire is in line with the needle tip when the plunger head is in line with the marker on the barrel
- The large transparent flashback chamber enables confirmation of vessel puncture
- Round tipped guidewire aids smooth securing of the blood vessel
- Includes all the benefits of BD Instaflash™ Technology
- Sterile, single use

Product Code	Gauge	Catheter length (mm)	Colour code	Units/ Box	NHS Supply Chain Code
382802	22 G	38	Blue	20	-
382805	20 G	38	Pink	20	-

BD™ Arterial Cannula with BD Floswitch™ One-Way Stopcock

- Catheter designed for insertion into peripheral arteries, for the determination of blood gas estimations or monitoring blood pressure
- BD Venflon™- comparable insertion characteristics
- Wings to facilitate fixation
- The BD Floswitch™ On/Off device prevents back-flow and reduces the risk of air embolism and exposure to blood
- Sterile, single use

Product Code	Gauge	Catheter length (mm)	Colour code	Units/ Box	NHS Supply Chain Code
682245	20 G	45	Red	25	FSP857

BD™ Arterial Needle for Seldinger Technique

- Two-part arterial needle, specifically designed for the Seldinger Technique
- Solid inner needle
    - Precisely ground, extremely sharp, short bevel arterial point assures percutaneous entry with minimal trauma and vessel roll
    - Solid design eliminates coring
- Outer thin-wall needle
    - Close fitting taper provides smooth entry with minimal trauma
    - Tapered, square-cut distal end of outer cannula facilitates smooth passage of guidewire through needle
    - Lightweight polypropylene BD Luer-Lok™ hub provides excellent instrument balance
    - Winged handle provides positive control
    - Manufactured to exacting tolerances to accept guide wire with minimum blood leakage and associated clotting
    - Funnel-shaped interior of outer needle hub facilitates insertion of guidewire
- For 0.032 - 0.038 inch guidewire
- Sterile, single use

Product Code	Gauge	Catheter length (mm)	Colour code	Units/ Box	NHS Supply Chain Code
408273	18 G	73	Pink	10	-

BD™ Single Wall Puncture Multi Purpose (M/P) Procedure Needle

- Multipurpose needle for traditional or digital angiography
- Winged design provides positive control for arterial or venous punctures
- Funnel shaped hub facilitates insertion of guidewire
- Lightweight plastic BD Luer-Lok™ hub provides excellent, "feel" and balance
- Thin-wall needle for maximum internal diameter, minimum outer diameter sharp bevel for easy vessel entry
- One part needle with wings
- For 0.032 - 0.038 inch guidewire
- Sterile, single use

Product Code	Gauge	Catheter length (mm)	Colour code	Units/ Box	NHS Supply Chain Code
408295	18 G	70	Pink	10	-

BD

Primary and Secondary Sets

BD

ARD Sets

- Gravity Sets with an Anti-Run Dry technology and Auto Prime
- Improve quality care and workflow efficiencies
- These sets are equiped with :
  - Vented drip chamber
  - Drip chamber with an ARD membrane
  - Priming cap/Auto Prime
  - Pinch clamp
- DEHP or Natural Rubber Latex are not part of the material formulation

PVC Sets

Product Code	Length (cm)	Luer lock	Drops / ml	SmartSite™ Y port	Stopcock	In-line filter	Back check valve	Flow controller	Tubing material	Units/ Box	NHS Supply Chain Code
388000	185	Fix	20						PVC	100	-
388002	185	Fix	20	✓					PVC	100	-
388050	185	Fix	20				✓		PVC	100	-
388136	190	Rotating	20		✓				PVC	80	-

Needle-free IV Sets

- Gravity Sets with a needle-free Y-port
- These sets are equiped with:
  - Vented spike (except 70002B-06)
  - Drip chamber with a 15 μm filter
  - 20 drops per ml
  - Needle-free Y-port (except Product Code 70002B-06 that has a SmartSite™ attached in the drip chamber)
- DEHP or Natural Rubber Latex are not part of the material formulation

Needle-free SmartSite™

Product Code	Length (cm)	LuerLock	Spike	Stopcock	Back check valve	Flow controller	Priming cap	Clamp	Texium™	Tubing material	Units/ Box	NHS Supply Chain Code
03508239448	210	Rotating	Vented							PVC	100	-
03508241442	270	Rotating	Vented		✓					PVC	100	-
03508242442	220	Rotating	Vented		✓					PVC	100	-
03508240442	255	Rotating	Vented							PVC	100	-
03508117442	240	Fix	Vented	with SmartSite™						PVC	100	-
4200BE-06T	190	Fix	Unvented						✓	PE-lined	100	-
70002B-06	180	Rotating	Unvented							PE-line	100	-
03508080404	240	Fix	Vented	3 gang	✓	Double Scale		✓		PVC	50	-
03508085440	200	Fix	Vented			Double Scale		✓		PVC	100	-
03508084440	200	Fix	Vented			Single Scale	✓	✓		PVC	100	-

Needle-free TPS

Product Code	Length (cm)	LuerLock	Spike	Stopcock	Back check valve	Flow controller	Priming cap	Clamp	Texium™	Tubing material	Units/ Box	NHS Supply Chain Code
NT-35-PRIV	220	Fix	Vented		✓			✓		PVC	50	-
TPS-200	160	Rotating	Vented				✓			PVC	100	-
A64-3VTPS		Rotating	Vented	with TPS			✓			PVC	100	-

Basic Gravity Sets

- Basic gravity sets with or without needle Y-port
- These sets are equiped with:
  - Vented spike
  - Drip chamber with a 15 µm filter
  - 20 drops per ml
- DEHP or Natural Rubber Latex are not part of the material formulation

Standard Sets

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Priming cap	Tubing material	Units/ Box	NHS Supply Chain Code
NT-820-ELLA	150	Fix	✓			PVC	250	-
NT-820-ELLAD	180	Fix	✓			PVC	200	-
NT-34-ND	188	Fix	✓	✓		PVC	100	-
NT-820-ELL180	180	Fix	✓			PVC	200	-
NT-850-EFA-	180	Fix				PVC	200	-
NT-35-P	200	Fix			✓	PVC	100	-
NT-35-P240	240	Fix			✓	PVC	100	-

H-Series

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Priming cap	Tubing material	Units/ Box	NHS Supply Chain Code
03500104208H	200	Fix	✓		✓	PVC	100	-
03508384208H	185	Fix	✓		✓	PVC	100	-

Basic Gravity Sets

- Basic gravity sets with stopcock and extension set
- Basic vented gravity sets with flashball
- These sets are equiped with:
    - Vented spike
    - Drip chamber with a 15 µm filter
    - 20 drops per ml
- DEHP or Natural Rubber Latex are not part of the material formulation

Standard Sets with Stopcocks

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Stopcock	Extension Set (cm)	Back check valve	Priming cap	Flashball	Tubing material	Units/ Box	NHS Supply Chain Code
NT-33-3VP	200	Fix	✓		✓	120		✓		PVC	100	-
NT-33V-3VP	280	Fix	✓		✓	120	✓	✓		PVC	100	-

With Flashball

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Stopcock	Extension Set (cm)	Back check valve	Priming cap	Flashball	Tubing material	Units/ Box	NHS Supply Chain Code
NT-840	150	Fix	✓						✓	PVC	200	-

Gravity Set with Unvented Spike

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Priming cap	Flashball	Tubing material	Units/ Box	NHS Supply Chain Code
NT-89-FEPY	180	Fix					PVC	200	-

Light Resistant Gravity Sets

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Priming cap	Flashball	Tubing material	Units/ Box	NHS Supply Chain Code
NT-44-G	150	Rotating	✓		✓		PVC Light resistant	100	-
NT-55-A	180	Rotating		✓	✓		PVC Light resistant	100	-
NT-810-OP	162	Fix	✓			✓	PVC Light resistant	200	-

Flow Controller IV Sets

- Gravity sets with a flow controller with single or double scale
- These sets are equiped with:
  - Vented spike
  - Drip chamber with a 15 μm filter
  - 20 drops per ml
  - With or without ports (needle and needle-free)
- DEHP or Natural Rubber Latex are not part of the material formulation

Flow Controller Double Scale

Product Code	Length (cm)	Luer lock	No Y-port	SmartSite™ Y port	Y-Port with Needle	Manifold	Flow controller	Priming cap	Tubing material	Units/ Box	NHS Supply Chain Code
03508073270	150	Fix	✓				Double scale		PVC-free (TPE)	60	-
03508085440	200	Fix		✓			Double scale		PVC	100	-
03508060270	155	Fix			✓		Double scale		PVC	100	-
03508067270	230	Fix			✓		Double scale		PVC	240	-

Flow Controller Single Scale

Product Code	Length (cm)	Luer lock	No Y-port	SmartSite™ Y port	Y-Port with Needle	Manifold	Flow controller	Priming cap	Tubing material	Units/ Box	NHS Supply Chain Code
03508084440	200	Fix		✓			Single scale	✓	PVC	100	-

Open / Pressure Sets

- Gravity sets that can be also used with open pumps
- These sets are equiped with:
  - Standard infusion sets with a 15 μm filter
  - Transfusion set with a 200 μm filter with unvented spike
  - 20 drops per ml
- DEHP or Natural Rubber Latex are not part of the material formulation

Standard Infusion

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Stopcock	Back check valve	Priming cap	Pinch clamp	Tubing material	Units/ Box	NHS Supply Chain Code
NT-24	200	Fix	✓				✓	✓	PVC	100	-
03501710321H	155	Fix		✓			✓		PVC	300	-

Blood Infusion

Product Code	Length (cm)	Luer lock	No Y-port	Needle Y-port	Stopcock	Back check valve	Priming cap	Pinch clamp	Tubing material	Units/ Box	NHS Supply Chain Code
VH-55	200	Fix		✓				✓	PVC	100	-

Secondary Sets

- Secondary lines to attach to primary sets with upper ports
- These sets are equiped with:
  - Vented spike
  - 20 drop per ml
- DEHP or Natural Rubber Latex are not part of the material formulation (except 72213N-0006 that contains DEHP)

With Hanger

Product Code	Length (cm)	Luer lock	Filter drip chamber	Drops/ ml	Roller clamp	Pinch	Hanger	Tubing material	Units/ Box	NHS Supply Chain Code
72213N-0006	75	Fix	No filter	20	✓		✓	PVC with DEHP	100	-

Burette Sets

- Gravity burette sets for preparations in the ward
- Burette add-on to attach any administration set (82213E-0006)
- These burrettes are equiped with:
  - Vented spike
  - 60 drops per ml (except 82113E-0006 that depends to the attached set)
  - Capacity of the burette from 100 to 150 ml
- DEHP or Natural Rubber Latex are not part of the material formulation

Add-on Burette Set

Product Code	Length (cm)	Luer lock	Burette Chamber	Needle Y-Port	Priming cap	Tubing material	Units/ Box	NHS Supply Chain Code
82113E-0006	50		SmartSite™ inlet			PVC	20	-

Standard Burette Set

Product Code	Length (cm)	Luer lock	Burette Chamber	Needle Y-Port	Priming cap	Tubing material	Units/ Box	NHS Supply Chain Code
DFP-87-FH	230	Rotating	Needle inlet	✓	✓	PVC	50	-

Blood Burette Set

Product Code	Length (cm)	Luer lock	Burette Chamber	Needle Y-Port	Priming cap	Tubing material	Units/ Box	NHS Supply Chain Code
DFP-91H	220	Rotating	Needle inlet	✓	✓	PVC	50	-
DFP-92H	220	Rotating	Needle inlet	✓	✓	PVC	50	-

Blood Sets

- Gravity sets for blood transfusion
- These transfusion sets are equipped with:
  - Unvented spike
  - 20 drops per ml
  - With single or double barrel drip chamber

Unvented

Product Code	Length (cm)	Luer lock	Spike	Double Spike	No Y-port	Needle Y-port	Priming cap	Flashball	Tubing material	Units/ Box	NHS Supply Chain Code
VH-22-EPD	190	Fix	Unvented		✓		✓		PVC	100	-

Double Drip Chamber

Product Code	Length (cm)	Luer lock	Barrel	No Y-port	Needle Y-port	Stopcock	Back check valve	Priming cap	Flashball	Shut-off valve	Tubing material	Units/ Box	NHS Supply Chain Code
VH-92-UK	160	Rotating	Single	✓				✓				50	-
VH-92V-UK	160	Fix	Single	✓			✓	✓				50	-
VH-92V-UK-3VP	285	Rotating	Single	✓		✓	✓	✓				50	-
VH-94-MT2	160	Rotating	Double	✓				✓		✓		50	-
VH-94-UK	280	Rotating	Double	✓		✓		✓		✓		50	-

Irrigation Sets

- Irrigation sets for urology, with single and double spike
- These sets are equiped with:
    - Unvented single or double spike
    - Wide bore tubing for high flow infusion
    - With irrigation adaptor or Luer lock
- DEHP or Natural Rubber Latex are not part of the material formulation

Single Spike

Product Code	Length (cm)	Spike	Info	Tubing material	Units/Box	NHS Supply Chain Code
U-20-T	200	Single	Double packaging	PVC	50	-

Double Spike

Product Code	Length (cm)	Spike	Info	Tubing material	Units/Box	NHS Supply Chain Code
U-23	200	Double	Single packaging	PVC	50	-
U-23-CLT	220	Double	Single packaging	PVC	50	-

BD

Extension Sets and Accessories

BD

DI Range - Macrobore PVC

- Extension sets PVC with an internal diameter of 3 mm
- DEHP or Natural Rubber Latex are not part
  of the material formulation

Product Code	Length (cm)	Luer lock	Priming cap	Slide clamp	Pinch clamp	Tubing material	Units/ Box	NHS Supply Chain Code
Extension set with a fix Luer lock								
DI-75	75	Fix				PVC	200	-
DI-150	150	Fix				PVC	200	-
Extension set with a rotating Luer lock and priming cap								
DI-100-G	100	Rotating	✓			PVC	200	-
DI-150-G	150	Rotating	✓			PVC	200	-

DH and DP Range

- Extension sets PVC with an internal diameter of 2 mm
  (DH) and 1,5 mm (DP)
- Maximum pressure resistance: 20 bar / 290 psi
- DEHP or Natural Rubber Latex are not part
  of the material formulation

Product Code	Length (cm)	Luer lock	Priming cap	Slide clamp	Tubing material	Units/ Box	NHS Supply Chain Code
DH							
DH-80	80	Rotating		✓	PVC	200	-
DP bore 1,5							
DP-100	100	Fix			PVC	200	-

PA Range - Microbore PVC

- Extension sets PVC with an internal diameter of 1 mm with fix and rotating luer lock
- Maximum pressure resistance: 40 bar / 580 psi
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Slide clamp	Tubing material	Units/ Box	NHS Supply Chain Code
Microbore PVC with fix luer lock						
PA-150	150	Fix		PVC	200	-
PA-200	200	Fix		PVC	200	-
Microbore PVC with rotating luer lock						
PA-80-GC	80	Rotating	✓	PVC	200	-
PA-150-GC	150	Rotating	✓	PVC	200	-
PA-200-GC	200	Rotating		PVC	200	-

PB Range - Microbore PE/PVC

- Extension sets low sorbing made of PE (inner layer) and PVC (outer layer) with an internal diameter of 1 mm and a pinch clamp
- Maximum pressure resistance: 40 bar / 580 psi
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Pinch clamp	Tubing material	Units/ Box	NHS Supply Chain Code
PE-Lined PVC						
PB-G40701	10	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40702	20	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40703	30	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40705	50	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40707	70	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40710	100	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40715	150	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40720	200	Fix	✓	PE-lined PVC - Low sorbing	40	-
PB-G40725	250	Fix	✓	PE-lined PVC - Low sorbing	40	-

PE Range - Microbore - PVC-Free

- Extension sets low sorbing made of PE with an internal diameter of 1 mm
- Maximum pressure resistance: 40 bar / 580 psi
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Tubing material	Units/ Box	NHS Supply Chain Code
04105003509K	30	Fix	PE	200	-
04105005509K	50	Fix	PE	200	-
04105007509K	75	Fix	PE	200	-
04105010509K	100	Fix	PE	200	-

Extension Sets Light Resistant

- Extension sets opaque for specific drugs light sensitve
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Priming cap	Pinch clamp	Light resistant	Internal bore (mm)	Tubing material	Units/ Box	NHS Supply Chain Code
Microbore									
MFX1641	150	Rotating		✓	✓	0.6	PE-lined PVC	200	-

Syringe Pump Extension Sets

- Extension sets recommended for syringe pumps
- Different configurations (with valve, spiral, low sorbing) with different inner diameters and materials
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Anti-syphon valve	Slide clamp	Pinch clamp	Internal bore (mm)	Tubing material	Units/ Box	NHS Supply Chain Code
Microbore									
PA-150-GC	150	Rotating		✓		1	PVC	200	-
PA-200-GC	200	Rotating		✓		1	PVC	200	-
PA-100-V	100	Fix	✓			1	PVC	100	-
PA-150-V	150	Fix	✓			1	PVC	200	-
PA-200-V	200	Fix	✓			1	PVC	200	-
PB-G40715	150	Fix			✓	1	PE-Lined PVC	40	-
PB-G40720	200	Fix			✓	1	PE-Lined PVC	40	-
MFX2256	200	Fix	✓			1	PE-Lined PVC	100	-

Spiral Pump Extension Sets

Product Code	Length (cm)	Luer lock	Priming cap	Anti-syphon valve	SmartSite™	Texium™	Slide clamp	Pinch clamp	Internal bore (mm)	Tubing material	Units/ Box	NHS Supply Chain Code
MFX1952	200								1	PE	50	-
MFX1953	300								1	PE	50	-
MFX1954	400								1	PE	50	-

Microbore - Light Resistant

Product Code	Length (cm)	Luer lock	Priming cap	Anti-syphon valve	SmartSite™	Texium™	Slide clamp	Pinch clamp	Internal bore (mm)	Tubing material	Units/ Box	NHS Supply Chain Code
MFX1641	150	Rotating						✓	1	PE	100	-

TIVA Sets

- Extension sets for Total IntraVenous Anaesthesia
- Different configurations (2 or 3 ways) depending on the use
  Detachable and non-detachable
- DEHP or Natural Rubber Latex are not part
  of the material formulation

Detachable TIVA Sets

Product Code	Length (cm)	Luer lock	Back check valve	Anti-syphon valve	SmartSite™	Pinch clamp	2-way	3-way	Tubing material	Units/ Box	NHS Supply Chain Code
500-002V	15	Rotating	1	1		✓	✓		PE-lined PVC and PVC	50	-
500-012V	220	Rotating	1	1		✓	✓		PE-lined PVC and PVC	50	-
500-003V	15	Rotating	1	2		✓		✓	PE-lined PVC and PVC	50	-
500-013V	190	Rotating	1	2		✓		✓	PE-lined PVC and PVC	50	-

Non-detachable TIVA Sets

Product Code	Length (cm)	Luer lock	Back check valve	Anti-syphon valve	SmartSite™	Pinch clamp	2-way	3-way	Tubing material	Units/ Box	NHS Supply Chain Code
MFX2291	210	Rotating	1	1		1	✓		PVC	50	-
MFX2290	210	Rotating	3	2		2		✓	PVC	50	-

Long Extension Sets

- Extension sets extra-long: more than 4 meters
- DEHP or Natural Rubber Latex are not part of
  the material formulation

PVC

Product Code	Length (cm)	Luer lock	Priming cap	Roller clamp	Tubing material	Units/ Box	NHS Supply Chain Code
04100146162	465	Fix		✓	PVC	80	-

Short Extension Sets

- Extension sets short for proximal use, single line or multiway with 1 mm of inner diameter
- DEHP or Natural Rubber Latex are not part of the material formulation

Multiway

Product Code	Length (cm)	Luer lock	Back check valve	Slide clamp	Needle Y-- port	1-way	2-way	3-way	4-way	Tubing material	Units/ Box	NHS Supply Chain Code
MFX1572	9	Fix	✓			✓			✓	PVC	50	-
MFX1573	9	Fix	✓				✓		✓	PVC	50	-
MFX2220	10	Fix		✓		✓			✓	PVC	100	-
MFX2221	10	Fix	✓	✓		✓			✓	PVC	100	-
MFX2240	10	Fix		✓				✓	✓	PVC	50	-

Single Line

Product Code	Length (cm)	Luer lock	Back check valve	Slide clamp	Needle Y-- port	1-way	2-way	3-way	4-way	Tubing material	Units/ Box	NHS Supply Chain Code
MFX1606	30	Fix				✓				PU	100	-
MFX1609	15	Fix		✓		✓				PU	100	-
MFX1612	12	Fix		✓	✓	✓				PU	100	-

BD Connecta™ Stopcocks

- BD Connecta™ stopcocks stand-alone and with extension set
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Colour stopcock	Port	Extra info	Tubing material	Units/ Box	NHS Supply Chain Code
BD Connecta™ stopcock stand-alone								
394600		Rotating	**White**				50	-
394601		Rotating	**White**		Coloured pegs		50	-
394605		Rotating	**Red**				50	-
BD Connecta™ stopcock with extension set (internal diameter 2,2 mm)								
394982	15	Fix	**White**			PVC	50	-
BD Connecta™ stopcock with extension set (internal diameter 2,6 mm)								
394936	25	Fix	**White**	✓	With injection port	PVC	50	-
394945	7	Fix	**White**	✓	With injection port	PVC	50	-
394951	50	Fix	**White**			PVC	50	-
394971	100	Fix	**White**	✓	With injection port	PVC	50	-
394995	10	Fix	**White**			PVC	50	-

3V Stopcocks

- 3V stopcocks stand-alone and with extension set lipid resistance for 96 hours
- Specific configurations for medium and high pressure
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Colour stopcock	Priming cap	Ways	Extra info	Tubing material	Units/ Box	NHS Supply Chain Code
Stopcock with extension set (internal diameter 3 mm) with fix LL									
L-303/10	10	Fix	✓				PVC	200	-
Stopcock with extension set (internal diameter 3 mm) with rotating LL									
DI-150-3VG	150	Rotating	✓	✓			PVC	200	-
Stopcock with extension set (internal diameter 4,1 mm)									
BW-120-3VG	120	Rotating	✓				PVC	100	-

In-line Filters

- Filters stand-alone and with extension set different micron sizes (from 0,2 to 5 micron)
- For neonatal, paediatrics and adult infusion. Available 0,2 micron positively charged to filter endotoxins
- Hydrophilic in-fine filters low protein binding made of PES (Polyethersulfone), except MFX1725 and MFX1642 of 5 micron
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Length (cm)	Luer lock	Filter size	Maximum use	Membrane material	Priming cap	Side clamp	Needle Y-port	Tubing material	Units/ Box	NHS Supply Chain Code
Stand-alone filters - Filter dimension 34 x 56 mm with effective filtration area of 4,5 cm³											
MFX1825		Rotating	1,2 µm	24 h	PES					50	-
MFX1823		Rotating	0,2 µm	24 h	PES					50	-
MFX1827		Rotating	(+) 0.2 µm	96 h	PES					50	-
Neonatal filters - Filter dimension 26 x 38 mm with effective filtration area of 1,65 cm³											
MFX1824	10	Rotating	1,2 µm	24 h	PES		✓		PVC	50	-
MFX1828	10	Rotating	(+) 0.2 µm	96 h	PES		✓		PVC	50	-

In-line Filters

Product Code	Length (cm)	Luer lock	Filter size	Maximum use	Membrane material	Priming cap	Side clamp	Needle Y-port	Tubing material	Units/ Box	NHS Supply Chain Code
Adult filtration - Filter dimension 36 x 66 mm with effective filtration area of 10 cm³											
MFX1822	22	Rotating	0,2 µm	24 h	PES	✓			PVC	50	-
C20350	51	Rotating	0,2 µm	24 h	PES			✓	PE-lined PVC	20	-
MFX1826	22	Fix	(+) 0.2 µm	96 h	PES		✓		PVC	50	-
Pump extension sets with a filter											
MFX1725	150	Fix	5 µm		PC				PVC	100	-
MFX1642	150	Fix	5 µm		PC				PE-lined PVC light resistant	100	-
MFX1643	150	Fix	1,2 µm	24 h	PES				PE-lined PVC light resistant	50	-
Filter non-vented for syringe											
MFX1821	2.5	Fix	0,2 µm	24 h					PVC	50	-

Caps

- Caps for luer lock and luer slip. Combistoppers for female and male luer lock
- Individual blisters (except for 394080 and 302834 that come in a tray)
- DEHP or Natural Rubber Latex are not part of the material formulation

Product Code	Colour	Extra info	Units/ Box	NHS Supply Chain Code
Combistopper made of PE				
04302239353K	Blue		1000	-
04302240353K	White		1000	-
04302241353K	Red		1000	-
Combistopper made of PP				
TP-MF	Red		1000	-
394075	Orange		100	-
Male cap				
394080	White	Tray of 5 units	200	-
Female cap				
TP-F	White		1000	-
Cap with a needle port				
394074	Yellow		100	-

Accessories

- Different accessories to complete the infusion line
- DEHP or Natural Rubber Latex are not part of the material formulation
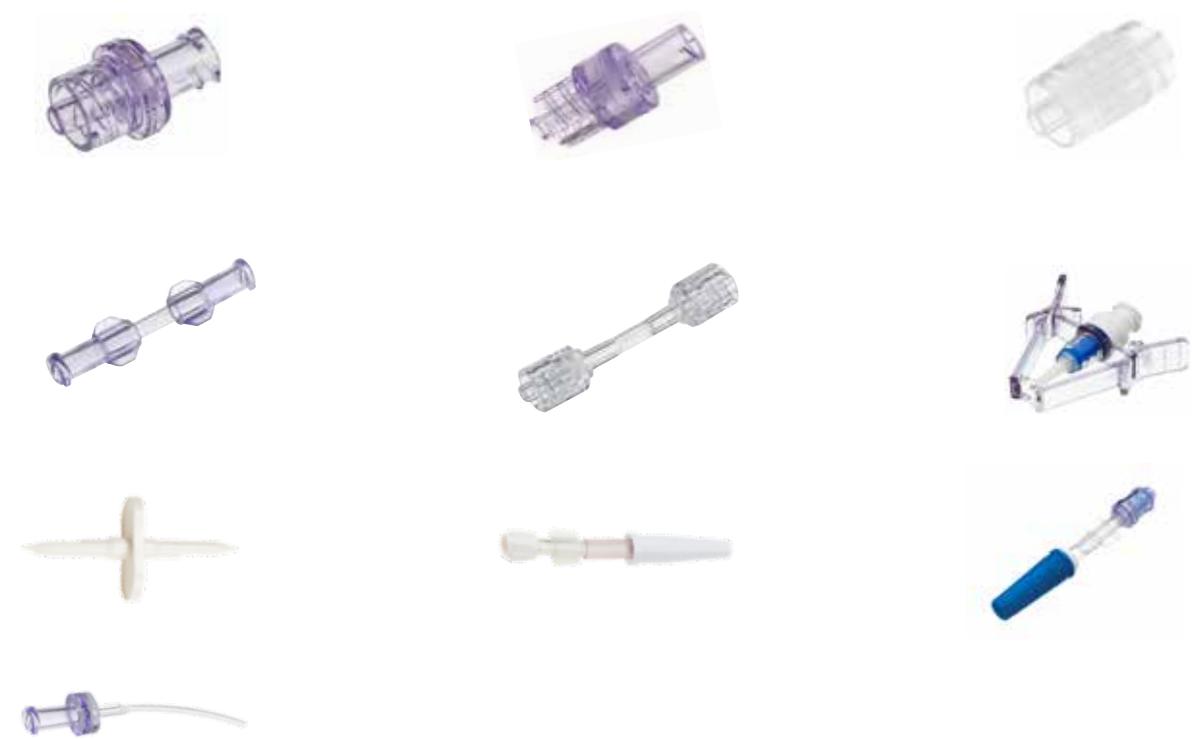
Product Code	Description	Units/ Box	NHS Supply Chain Code
Valves			
04302243317	Back check valve	100	-
04302260452	Anti-syphon valve	100	-
Adapter luer lock			
CON-MM	Adapter Male-male	700	-
MFX1504	Adapter Female-Female	100	-
MFX1505	Adapter Male-Male	100	-
Spike			
397015	Transfer spike	100	-
Filter straw			
MFX1965	Filter straw 5 micron - 7 cm	100	-
MFX1964	Filter straw 5 micron - 12 cm	100	-

BD

Needle-free Connectors

All valves are available in a wide variety of configurations

Needle-free Connectors

Making an informed, educated decision

Not all healthcare professionals have the same clinical requirements when it comes to needle-free connectors. BD offers a comprehensive range of different proven technologies and enables you to make an informed decision, so that you can choose the right connector for your specific needs.

BD Q-Syte™

- Simple internal design, with clear housing for effective flushing
- Straight, open fluid path provides a high-flow rate[1]
- Split septum design
- Sterile, single use

Product Code	Description	Units/ Box	NHS Supply Chain Code
385100[†]	Stand alone needle-free connector	50	FSC045
385102	Extension Set, 15 cm (6 in.), Small bore, fixed nut	25	FSC055
385163	Specialty Extension Set, 15 cm (6 in.), Small bore bi-extension set, spin nut	50	FSW333
385164	Specialty Extension Set, 15 cm (6 in.), Small bore tri-extension set, spin nut	50	-
385102	Q-Syte Extension Set Micro 6in	50	FSC055

† Product also available in bulk non sterile.

SmartSite™

- Smooth easy-to-scrub surface for ease of disinfection
- Split septum design with a straight fluid pathway
- An efficient, leak-free system for chemotherapy when used in combination with Texium™ devices[2]
- Available in a wide variety of configurations
- Sterile, single use

| Product Code	Description	Units/ Box	NHS Supply Chain Code
2000E7D	Stand alone needle-free connector	100	FSW165
20039E7D	Extension set, 15 cm	100	FSB024
20019E7D	Y Connector set 2 way, 24 cm	100	FSB396
20038E7D	Y Connector set 3 way, 12.7 cm	100	FSB397
20021E7D	J-Loop Micro Extension Set, 7 Day	100	FSB893
500-021EV	Extension Set, 2 Way, 2 SmartSite Valves, 7cm	50	FSB1178
2000EA7D	7 Day Needleless Valve Adapter	100	FSB126

SmartSite™ Cont.

Product Code	Description	Units/ Box	NHS Supply Chain Code
MFX2219E	3Y Extension, 2 SmartSite Valves, 2 Clamps, 9cm	50	FKA343
MFX2222E	Y Extension, 2 SmartSite Valves, 2 Check Valves, 11.5cm	50	FSW041
MFX2239E	Extension Set, 3 Way, 3 SmartSite Valves, 3 Clamps, 12cm	50	FKA193
MFX2241E	Y Connector Set, 2 SmartSite, 2 In Line Back Check Valves	50	FKA322
MFX2244E	Extension Set, 4 Way, 4 SmartSite Valves, 11cm	50	FSB641
MFX2245E	4 Way Connector Set with 4 Back Check Valves	50	FSB1045
MFX2273E	T-Extension Set with SmartSite Valve	50	FKA057
MFX2828E	SmartSite Extension Set Endotoxin Filter ,96 Hour	50	FSB1186

MaxZero™

- Solid, sealed access, easy-to-scrub surface
- Positive displacement action - zero reflux upon disconnection helps prevent catheter occlusions[3, 4]
- Proven technology that has shown superior results in preventing the risk of infection[5]
- Compact, lightweight design makes it easy to handle for neonate and paediatric use
- Sterile, single use

MaxZero™

Product Code	Description	Units/ Box	NHS Supply Chain Code
MZ1000†	Stand-alone needle-free connector	100	FKA585
MZ5307	2 way extension line, 18 cm	50	FKA577
MZ5301	Minibore Pressure Rated Extension IV Connector	50	FKA579
MZ9279	2 way extension line, 18 cm minibore Bifuse 0.70 ml	50	FKA583
MZ9266	3 way extension line, microbore Trifuse 0.6 ml	50	FSB2049

† Product also available in bulk non sterile.

NeutraClear™

- Compact, transparent connector with easy-to-scrub surface
- Neutral displacement
- Guiding seal ring helps maintain the integrity of the silicone and provides a better sealing of the split septum after multiple activations
- Internal blunt cannula design minimises contact between the external surface and the internal fluid path on luer activation
- Sterile, single use

Product Code	Description	Units/ Box	NHS Supply Chain Code
EL-NC1000+	Stand alone needle-free connector	200	-
PB-NC5301	1 way extension set, 8 cm	40	FSB2050
PY-NC5312	2 way extension line, 8 cm	25	-
PY-NC5316	3 way extension line, 8 cm	25	-
EL201R	Bidirectional Valve NeutraClear	100	FKA709
PB11008NCM	Arterial stand alone needle-free connector	40	FKA589
PY2101KNCM	2 Way with 2 NeutraClear	25	FKA598

† Product also available in bulk non sterile.

1. BD Q-Syte™ technical Datasheet. Data on file at BD. 2016.
2. Original Premarket Notification 501(k) Texium™ Syringe. Data on file at BD. 2007.
3. Relevance of the MaxPlus™ needleless connector clinical evidence and test data to the MaxZero™ design 000MS06945. Data on file at BD. 2016.
4. Hull-Grommesh L, Bush D, Nagal R et al. Peripherally inserted central catheter (PICC) occlusion reduction in an adult population with the use of a positive displacement needleless connector, 2011.
5. Tabak YP, Johannes RS, Sun X, Crosby CT, Jarvis WR. Innovative use of existing public and private data sources for postmarketing surveillance of central line-associated bloodstream infections associated with intravenous needleless connectors. J Infus Nurs. 2016;39(5):328.

Disinfecting Caps

BD

BD PureHub™ Disinfecting Cap

BD PureHub™ is a Disinfecting Cap designed to act a physical barrier to be used on the end of Needle-free Connectors

- Rapid disinfection in just 1 minute
- Disinfects with a sterilised 70% isopropyl alcohol solution
- Maintains a physical barrier against contamination for up to 7 days
- Provides visual confirmation of compliance with disinfection protocol
- Large width and finger grips for ease of application and removal
- Easy to apply with uniquely designed luer threads
- Shown to be compatible with needle-free luer connectors

Product Code	Description	Units/ Box	NHS Supply Chain Code
306598	BD PureHub™ disinfecting cap singles	300	FSW1435

Pre-filled Flushing Syringe
for Vascular Access

BD

BD PosiFlush™ Pre-filled Flushing Syringes [NaCl 0,9 %]

- Ready-to-use, sterile pre-filled flushing devices containing sodium chloride (isotonic NaCl 0,9 %)
- BD PosiFlush™ syringes are designed to eliminate syringe-induced blood reflux enhancing catheter maintenance protocols
- Special design of syringe barrel with the 3 ml and 5 ml syringes having the same barrel diameter as the 10 ml syringe in order to ensure a standardised pressure during the flushing process
- BD Luer-Lok™ tip for secure connection to the catheter
- Size and shape of the tip cap allow easy handling, and help avoid touch contamination of the syringe luer connection
- Eliminates the use of needles
- Terminally steam sterilised - sterility assurance level of 10^{-6}
- Class III

BD PosiFlush™ SP - Sterile Fluid Path Way, for General IV Flush Procedures

Product Code	Description	Units/ Box	NHS Supply Chain Code
306573	Pre-filled with 3 ml Saline Solution (NaCl 0,9 %)	30	FWC123
306574	Pre-filled with 5 ml Saline Solution (NaCl 0,9 %)	30	FWC127
306575	Pre-filled with 10 ml Saline solution (NaCl 0,9 %)	30	FWC130

BD PosiFlush™ XS - Externally Sterile, for use in critical care areas for sterile procedures and within a sterile field

Product Code	Description	Units/ Box	NHS Supply Chain Code
306570	Pre-filled with 3 ml Saline Solution (NaCl 0,9 %)	30	FWC553
306571	Pre-filled with 5 ml Saline solution (NaCl 0,9 %)	30	FWC551
306572	Pre-filled with 10 ml Saline solution (NaCl 0,9 %)	30	FWC530

BD

Anaesthesia Systems

BD

BD Whitacre™ Pencil-Point Spinal Needle

- BD Whitacre™ Needles are manufactured with proprietary needle tipping, side-port and unique low-glare hub technologies
- Tip designed to spread the dural fibres and help reduce the occurrence of post dural puncture headache
- The thin-wall design is intended for improved visualisation of cerebrospinal fluid
- Distinct "pop" as the pencil point penetrates the dura
- Pencil point design intended to provide better "tip strength" to minimise bending or breakage
- Precision-formed side hole allows and facilitates directional flow of anaesthestic agents
- Translucent hub for ease of cerebrospinal fluid visualisation
- Sterile, single use

BD Whitacre™ Pencil Point Spinal Needle

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
402051	27 G	90	3 1/2"	Grey	25	-
409443	27 G	119	4 11/16"	Grey	-	FTR429
402050	25 G	90	3 1/2"	Blue	25	FTR139
409442	25 G	119	4 11/16"	Blue	10	FTR581
405104	24 G	90	3 1/2"	Purple	25	FRH1401
401995	22 G	90	3 1/2"	Black	25	FTR582

BD Whitacre™ Pencil Point Spinal Needle with Integral Introducer 22 G 1 1/4"

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
405075	27 G	90	3 1/2"	Grey	25	-
405113	27 G	103	4 1/16"	Grey	25	-

BD Whitacre™ Pencil Point Spinal Needle with Integral Introducer 20 G 1 1/4"

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
405076	25 G	90	3 1/2"	Blue	25	FTR951
405112	25 G	103	4 1/16"	Blue	25	FRH1403

BD™ Quincke Spinal Needle

- Key/slot arrangement of stylet and cannula hubs facilitates aligned needle and stylet bevel orientation
- Translucent window hub (featuring contact clarity) that helps visualization of cerebrospinal fluid
- Fitted stylet designed to reduce tissue coring
- Sterile, single use

BD™ Quincke Spinal Needle

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
405259	27 G	90	3 1/2"	Grey	25	FRH1420
405258	26 G	90	3 1/2"	Brown	25	FRH1419
405234	25 G	119	4 11/16"	Blue	10	-
405257	25 G	90	3 1/2"	Orange	25	FTR449-
405246	25 G	75	3"	Orange	25	-
405245	25 G	51	2"	Blue	25	-
405243	25 G	25	1"	Blue	25	FTR583
405240	23 G	90	3 1/2"	Turquoise	25	-
405149	22 G	178	7"	Black	10	FTR303
405148	22 G	127	5"	Black	10	FTR424
405256	22 G	90	3 1/2"	Black	25	FTR547
405255	22 G	75	3"	Black	10	-
405244	22 G	63	2 1/2"	Black	10	FTR425
405254	22 G	38	1 1/2"	Black	25	FTR141
405211	20 G	152	6"	Yellow	10	-
405253	20 G	90	3 1/2"	Yellow	25	FTR157
405252	20 G	75	3"	Yellow	25	-
405251	20 G	38	1 1/2"	Yellow	25	-
405250	19 G	90	3 1/2"	Cream	25	-
405249	19 G	75	3"	Cream	25	-
405248	18 G	90	3 1/2"	Pink	25	FTR387
405247	18 G	75	3"	Pink	25	-

BD™ Quincke Spinal Needle Introducers

- Sterile, single-use

BD™ Quincke Spinal Needle Introducers

Product Code	Description	Size	Colour code	Units/ Box	NHS Supply Chain Code
405260	20 G 1 1/4"	32 mm x 9/10	Yellow	25	-
405261	22 G 1 1/4"	32 mm x 7/10	Black	25	-

BD™ Quincke Spinal Needle Introducers 22 G 1 1/4"

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
405259	27 G	90	3 1/2"	Grey	25	-

BD™ Quincke Spinal Needle Introducers 20 G 1 1/4"

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
405065	26 G	90	3 1/2"	Brown	25	-
405084	25 G	90	3 1/2"	Orange	25	-

Tuohy and Tuohy Weiss Epidural Needle

- Epidural needles with locking base and 'modified tuohy' bevel intended to minimise accidental dural puncture
- Needle graduation marks every 10 mm, paediatric epidural needle graduation marks every 5 mm
- Needle equipped with moulded plastic hub
- Sterile, single use

Tuohy Epidural Needles Without Wings

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
405092	17 G	90	3 1/2"	Grey	10	-
405018	18 G	90	3 1/2"	Pink	10	FRD4690
405028	20 G	90	3 1/2"	Yellow	10	-

Tuohy Epidural Needles Winged

Product Code	Gauge	Length (mm)	Length (inch)	Colour code	Units/ Box	NHS Supply Chain Code
405194	16 G	90	3 1/2"	White	10	-
405191	17 G	90	3 1/2"	Grey	10	-
405193	17 G	127	5"	Grey	10	-
405188	18 G	90	3 1/2"	Pink	10	-
405190	18 G	127	5"	Yellow	10	-
405186	20 G	90	3 1/2"	Yellow	10	-

BD Components for Epidural Anesthesia

Product Code	Description	Units/ Box	NHS Supply Chain Code
405291†	Loss-of-resistance (L.O.R.) syringe 7 ml Luer-Lok™	10	-
405292	Loss-of-resistance (L.O.R.) syringe 7 ml Luer slip	10	-
401490	Epidural flat filter 0.22 μ with Luer-Lok™ cap	8	-
400810	Syringe 2ml	100	FWC252
408360	Intradis. Therapy Needle 18 G, 6In	10	FTR435

† Product also available in bulk non sterile.

BD

Speciality Products

BD

Regional Block Needle

Product Code	Gauge	Length (mm)	Length (inch)	Color code	Units/ Box	NHS Supply Chain Code
408348	22 G	37	1 1/2"	Black	10	FTR127
400727	22 G	90	3 1/2"	Black	10	-
400730	20 G	90	3 1/2"	Yellow	10	-

Specialty Needle

Product Code	Description	Gauge	Length (mm)	Length (inch)	Color code	Units/ Box	NHS Supply Chain Code
408295	Multipurpose needle	18 G	69	2 3/4"	Pink	10	-

Quincke Intradiscal Needle

Product Code	Gauge	Length (mm)	Length (inch)	Color code	Units/ Box	NHS Supply Chain Code
408360	18 G	127/100 x 152	6"	Pink	10	FTR435

Catheter Tray

Product Code	Description	Units/ Box	NHS Supply Chain Code
408289	BD Bonanno™ Suprapubic Catheter Tray	6	FST693

Hazardous Drugs Safety Systems

BD

BD PhaSeal™

- Clinically proven* closed-system drug transfer device (CSTD)
- Protection for staff when hazardous drugs are involved to avoid potential health risk with limited or infrequent exposure
- Easy to learn and easy to use
- System is based on three primary components: Protector, Injector and Connector. They come in a range of sizes to meet the specific requirements and preferences
- BD PhaSeal™ is designed with dry, leakproof connections – preventing exposure when connecting and disconnecting from vials, syringes, IV bags and patient IV lines
- The sealed airtight chamber of the Protector captures aerosols and vapours while maintaining equal pressure in the vial during drug preparation
- The Injector ensures sealed drug transfer and "locks" into safe mode when the procedure is complete to prevent any risk of exposure

BD PhaSeal™ Protector - Drug Vial Access Device

Product Code	Description	For drug vials with neck diameter of (mm)	Pressure equalisation/ volume (ml)	Colour code	Units/ Box	NHS Supply Chain Code
515100	Protector P14	13	20	Blue	50	-
515102	Protector P21	20	20	Red	50	-
515103	Protector P21 Multi	20	20	Red	250	-
515104	Protector P28	28	60	White	25	-
515105	Protector P50	20	50	Green	25	-
515106	Protector P50 Multi	20	50	Green	150	-
515107	Protector P53	32	50	Purple	25	-
515117	Protector P55 with plastic spike	20	50	Light Green	25	-

BD PhaSeal™ Injector - Syringe Safety Device

Product Code	Description	Protection Cap	Units/ Box	NHS Supply Chain Code
515003	Injector Luer-Lok™ N35 for syringes or IV bag with Luer-Lok™ connection	-	50	-
515004	Injector Luer-Lok™ N35C for syringes or IV bag with Luer-Lok™ connection	Clear	50	-
515005	Injector Luer-Lok™ N35C Multi for syringes or IV bag with Luer-Lok™ connection	Clear	250	-

*Clinical evidence available on our website http://www.bd.com/pharmacy/phaseal/evidence/studies.asp

BD PhaSeal™ Connector - Access Port

Product Code	Description	Length (cm)	Priming volume (ml)	Units/ Box	NHS Supply Chain Code
515200	Connector Luer-Lok™ C35	-	-	50	-
515202	Connector Luer-Lok™ for use with needle-free ports with internal pistons C45	-	-	50	-
515304	Y-site connector extension tubing with built-in BD PhaSeal™ Connector C80	22	1.7	50	-

BD PhaSeal™ Administration Products – IV Bag Access

Product Code	Description	Length (cm)	Priming volume (ml)	In-line filter	Drops (ml)	Units/ Box	NHS Supply Chain Code
515300	Infusion Set C50	188	17.5	15µm	20	80	-
515301	Secondary Set Drip Chamber C60	102	12.5	-	20	20	-
515302	Secondary Set C61	49	3	-		30	-

BD PhaSeal™ Administration Products - IV Bag Access

Product Code	Description	Units/ Box	NHS Supply Chain Code
515305	L Connector C90	50	-
515306	Infusion Adapter C100	50	-
515307	Infusion Adapter C100 Multipack	250	-

BD PhaSeal™ Application Products

Product Code	Description	Units/ Box	NHS Supply Chain Code
515403	Infusion Clamp M25	25	-
515400	Assembly Fixture M12	1	-
515404	Cap for Injector Membrane M50	50	-
515406	Connector Cap M70	50	-
515401	Syringe Tray M15	-	-

BD PhaSeal™ Optima

BD PhaSeal™ Optima system is uniquely designed with no inlets or air exchange for airtight drug transfers. It also incorporates the double membranes and vapour capture mechanisms pioneered by the BD PhaSeal™ system, which has been demonstrated to reduce the risk of hazardous drug exposure vs. traditional practices.

BD PhaSeal™ Optima Protector

Product Code	Description	For drug vials with neck diameter of (mm)	Pressure equalisa-tion/ volume (ml)	Colour code	Units/ Case	NHS Supply Chain Code
515060	Protector P13-O	13	20	Blue	200	-
515064	Protector P20-O	20	20	Green	100	-

BD PhaSeal™ Optima Injector

Product Code	Description	Protection cap	Units/ Case	NHS Supply Chain Code
515052	Injector N35-O	clear	200	-

BD PhaSeal™ Optima Connector

Product Code	Description	Units/ Case	NHS Supply Chain Code
515070	Connector C35-O	200	-

BD PhaSeal™ Optima Administration Products – IV Bag Access

Product Code	Description	Units/ Case	NHS Supply Chain Code
515078	Infusion Adapter C-100-O	160	-

Texium™

- The Texium™ closed male luer is designed to promote safe handling of fluids and medications, particularly hazardous or cytotoxic drugs
- The Texium™ Needle-free Syringe comprises of a Texium™ closed male luer (cml) that is permanently attached to a Luer-Lok™ syringe and will allow various potentially hazardous fluids, such as those found in oncology units or during blood withdrawal, to be used safely (during mixing, preparing and administration) without fear of exposure
- Texium™ can be connected to any ISO-compliant female luer
- A closed system can only be maintained when the Texium™ Needle-free Syringe is used with a Smartsite™ Needle-free Connector

Product Code	Description	Units/ Box	NHS Supply Chain Code
10012241	Texium Closed Male Luer	100	FKA169
MY8003-0006	Needle-free Syringe with Bonded Texium Closed Male Luer 3ml	100	-
MY8005-0006	Needle-free Syringe with Bonded Texium Closed Male Luer 5ml	100	-
MY8010-0006	Needle-free Syringe with Bonded Texium Closed Male Luer 10ml	100	-
MY8020-0006	Needle-free Syringe with Bonded Texium Closed Male Luer 20ml	100	-
MY8030-0006	Needle-free Syringe with Bonded Texium Closed Male Luer 30ml	50	-
MY8060-0006	Needle-free Syringe with Bonded Texium Closed Male Luer 60ml	50	-
MV0413-0006	SmartSite™ 13 MM Vented Vial Access Device	100	-
MV0420-0006	SmartSite™ 20 MM Vented Vial Access Device	100	-
MV0428-0006	SmartSite™ 28 MM Vented Vial Access Device	100	-
MV0513-0006	SmartSite™ 13 MM Closed Vial Access Device	50	-
MV0520-0006	SmartSite™ 20 MM Closed Vial Access Device	50	-
MV0528-0006	SmartSite™ 28 MM Closed Vial Access Device	50	-
MV0400-0006	Single Vial Access Device Vented with SmartSite™	100	FKA714
2300E	SmartSite Bag Access Device	100	FSB399
10013365-0006	SmartSite Add-On Bag Access Device, Spike Adapter, with 1 Needle-free Valve Bag Access Port	100	FKA182
2309E	SmartSite Bag Spike with Check Valve	100	FSB565
A-6425	Taky Spike Green	50	-
A-6426	Taky Spike Blue	50	-
A-6427	Taky Spike Red	50	-
MFX2410	Texium Lock'n'Go	50	FKA742
MFX2250EV	Bag Spike	100	FSW699

Texium™ continued

Product Code	Description	Units/ Box	NHS Supply Chain Code
MFX1591	Mixing Adapter	50	-
MV4000-0006	CareFusion Vial Press	-	-
PF-04	L.Lock Spike	-	-
TPS-51-UK	Non-vented Spike Needle-free Valve	200	FSW254
2203E-0006	13 MM SmartSite™ Vial Access Device	100	FSW272
2205E-0006	Vial Access Device	100	FSB398
10012392	IBU Vented Vial Access Device	-	-
MFX1593	Dispensing Pin with Hydrophobic Filter	100	FSB425
MFX2594E	Vial Access Device, Vented SmartSite™ Valve	100	FSB1170