

Positively Unique...



Helping all people
live healthy lives

BD PosiFlush™ Pre-Filled Syringes

**POSITIVELY
ZERO
REFLUX***

* Average reflux as measured in 4Fr PICC; data on file at BD.

Designed to Eliminate Syringe-Induced Reflux*

▶ What is syringe-induced blood reflux?

Syringe-induced blood reflux occurs during a flush procedure when the rubber stopper meets the end of the syringe. Since it is rubber, it will compress and rebound when pressure is released; creating a vacuum that draws blood back into the catheter.²

▶ How do I overcome syringe-induced blood reflux?

To overcome syringe-induced blood reflux use a prefilled syringe for catheter flushing that is designed to overcome this problem.³

Positive displacement valves address disconnect reflux, not syringe-induced reflux.⁴

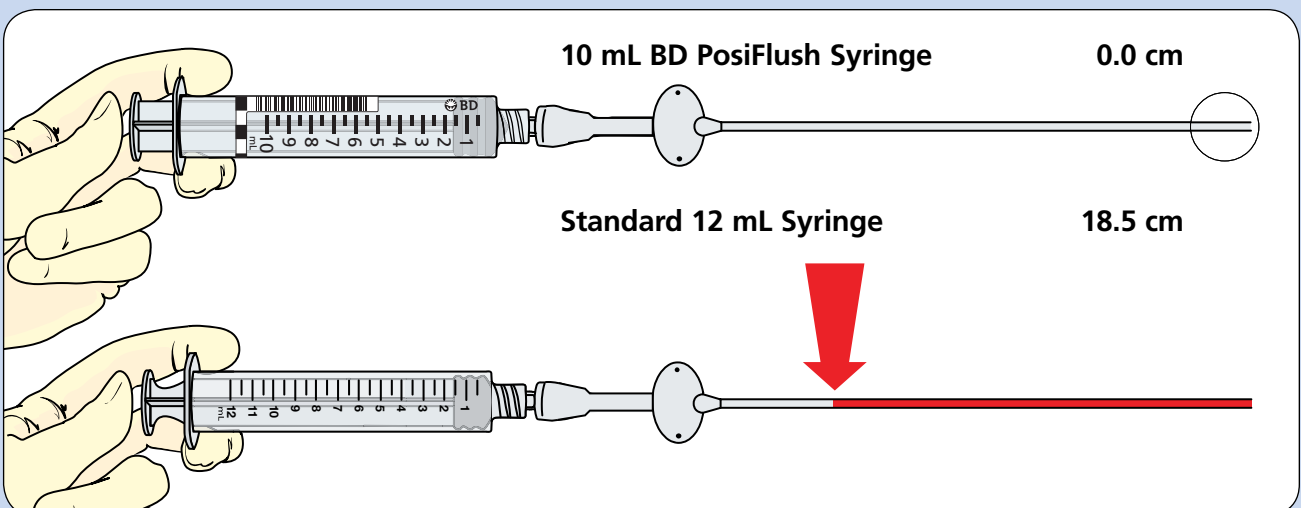
▶ BD PosiFlush™ Saline Syringes are designed to eliminate syringe-induced blood reflux.*

BD PosiFlush Saline Syringes are designed to eliminate syringe-induced blood reflux*, enhancing catheter maintenance protocols.



* Average reflux as measured in 4Fr PICC; data on file at BD.

Graphic depicts the average amount of blood aspirated into the catheter upon completion of flush procedure if positive pressure technique is not correctly applied.



*Average reflux as measured in 4Fr PICC; data on file at BD.

Designed to Lower the Risk of Catheter Damage

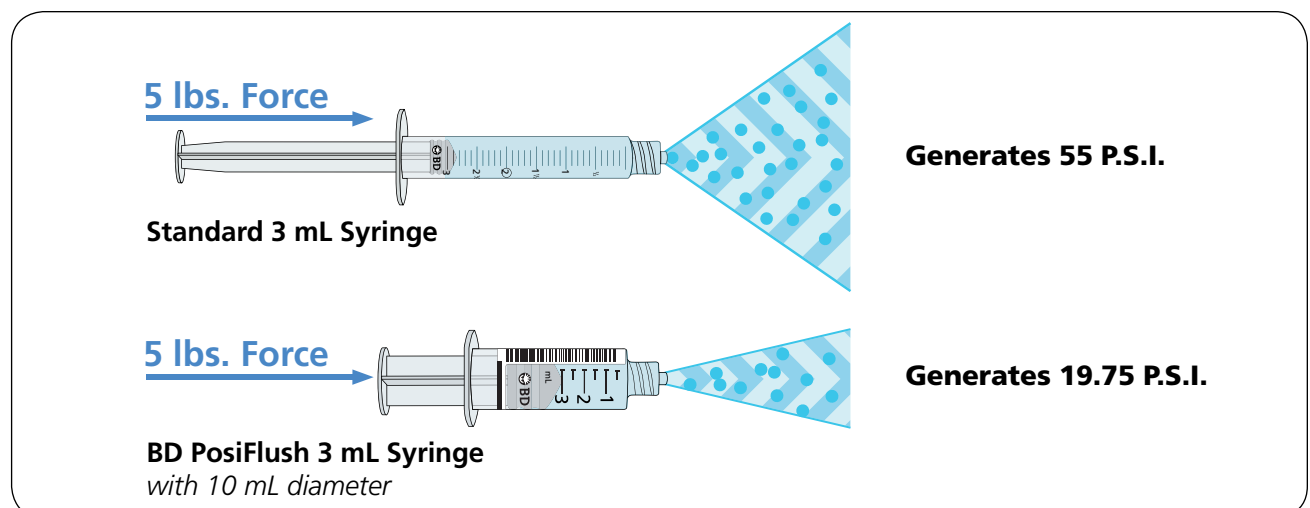
- ▶ **BD PosiFlush™ Saline Syringes available in 3 sizes, all with standard 10 mL syringe diameter...**



- ▶ **Consistent 10 mL diameter designed to lower the risk of catheter damage**

Syringe size has an impact on the risk of catheter damage. Smaller diameter syringes generate greater amounts of pressure than larger diameter syringes.¹

Choose any size BD PosiFlush Saline Syringe for lower pressure due to the 10 mL syringe diameter (as compared to standard syringes). All BD PosiFlush Saline Syringes assure compliance with PICC manufacturer recommendations for flushing with a 10 mL diameter syringe.



Designed to Meet Your Needs

▶ **BD PosiFlush™ Saline Syringes are designed to:**

Improve patient outcomes

Unique Syringe Design

- Designed to eliminate syringe-induced blood reflux*
- Designed to prevent solution from entering a non-sterile area of the syringe**

Reduce the risk of medication errors

Clear Labeling

- Greater visibility of syringe contents
- Bold print for clarity
- Color and bar coded for easy identification and verification
- Addresses The Joint Commission's requirement for medication labeling⁶

Reduce the risk of catheter damage

Standard 10 mL Syringe Diameter

- Generates significantly lower pressure (PSI) compared to standard 3 mL syringes**
- All sizes comply with PICC manufacturer flushing recommendations

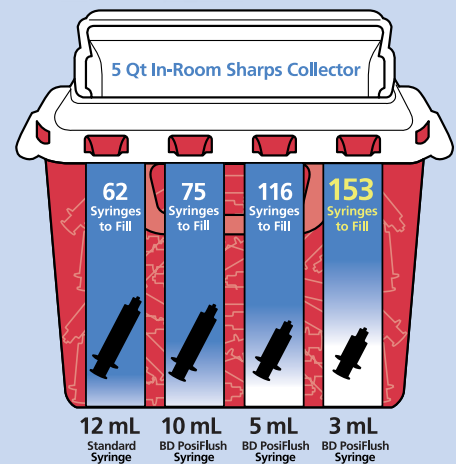


Reduce waste and costs

Stubby Syringe Profile

Selecting smaller size syringes (3, 5 mL) for peripheral lines:

- Reduces storage and disposal costs
- Minimizes environmental waste



The graphic demonstrates the number of syringes that it takes to fill up a sharps container. Data shows that you can fit more than twice as many BD PosiFlush 3 mL size syringes into a 5 Quart In-Room Sharps Collector as you can by using a standard 12 mL syringe!***

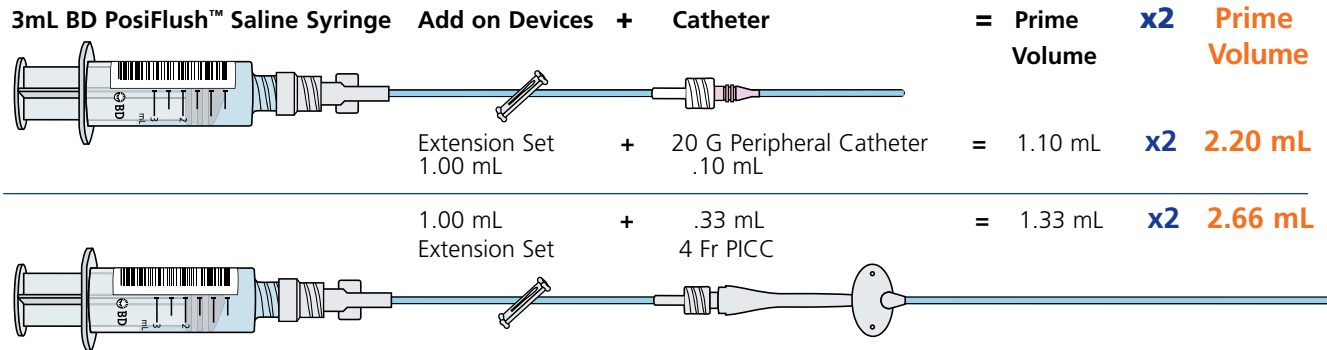
* Average reflux as measured in 4Fr PICC; data on file at BD.

** Data on file at BD.

Designed to Enhance Best Clinical Practice

▶ Flush with the smallest recommended volume

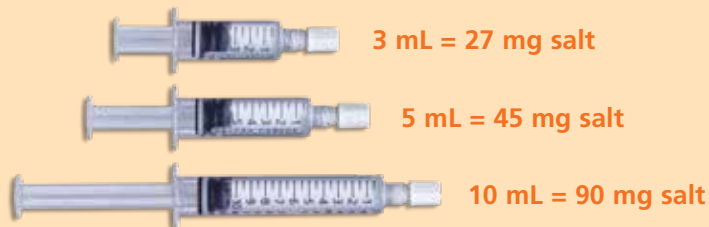
Infusion Nurses Society (INS) recommends that the minimum volume of the final flush solution should be twice the labeled priming volume of the catheter and any added devices.⁵



A 3 mL BD PosiFlush Saline Syringe provides more than twice the priming volume recommended.

▶ Use the appropriate flushing volume for sodium-restricted patient needs

There are 9 mg of salt in each mL of normal saline.



Through the unique design of BD PosiFlush, clinicians can deliver the appropriate volume with minimum salt impact in a 10 mL diameter syringe.

▶ For all your flushing needs...

BD PosiFlush SF Saline Syringes

For sterile field applications such as extended dwell catheter insertions, accessing implanted ports, etc.



BD PosiFlush Heparin Lock Flush Syringes

Available in two concentrations:

- 10 USP units per mL
- 100 USP units per mL



*Data on file at BD.

BD Ref. #	Description	Current NDC #	New NDC #	Box/Case
BD PosiFlush™ Normal Saline Syringes, all with 10 mL diameter				
306544	3 mL	08290-0910-03	08290-3065-44	30/Tray 480/Case
306545	5 mL	08290-0920-05	08290-3065-45	30/Tray 480/Case
306546	10 mL, Standard Plunger Rod	08290-0940-10	08290-3065-46	30/Tray 480/Case
306549	3 mL with Blunt Plastic Cannula	08290-0911-03	08290-3065-49	30/Box 120/Case
306550	5 mL with Blunt Plastic Cannula	08290-0921-05	08290-3065-50	30/Box 120/Case
306551	10 mL Standard Plunger Rod with Blunt Plastic Cannula	08290-0941-10	08290-3065-51	30/Box 120/Case
BD PosiFlush™ SF Saline Syringe				
306553	10 mL Standard Plunger Rod Sterile Field Syringe	08290-0950-10	08290-3065-53	30/Box 240/Case

BD PosiFlush™ Heparin Lock Flush Syringes, 10 USP units/mL

306509	6 mL Fill in 10 mL Syringe	08290-0360-06	08290-3065-09	30/Box 120/Case
306510	5 mL Fill in 10 mL Syringe	08290-0360-05	08290-3065-10	30/Box 120/Case
306511	5 mL Fill in 5 mL Syringe	08290-0350-05	08290-3065-11	30/Box 120/Case
306521	3 mL Fill in 10 mL Syringe	08290-0360-03	08290-3065-21	30/Box 120/Case
306512	3 mL Fill in 3 mL Syringe	08290-0340-03	08290-3065-12	30/Box 120/Case
306525	5 mL Fill in 10 mL Syringe with Blunt Plastic Cannula	08290-0361-05	08290-3065-25	30/Box 120/Case
306527	2 mL Fill in 3 mL Syringe	08290-0340-02	08290-3065-27	30/Box 120/Case

BD PosiFlush™ Heparin Lock Flush Syringes, 100 USP units/mL

306513	5 mL Fill in 10 mL Syringe	08290-0390-05	08290-3065-13	30/Box 120/Case
306514	3 mL Fill in 10 mL Syringe	08290-0390-03	08290-3065-14	30/Box 120/Case
306515	5 mL Fill in 5 mL Syringe	08290-0380-05	08290-3065-15	30/Box 120/Case
306516	3 mL Fill in 5 mL Syringe	08290-0380-03	08290-3065-16	30/Box 120/Case
306517	3 mL Fill in 3 mL Syringe	08290-0370-03	08290-3065-17	30/Box 120/Case
306528	2 mL Fill in 3 mL Syringe	08290-0370-02	08290-3065-28	30/Box 120/Case
306531	5 mL Fill in 10 mL Syringe with Blunt Plastic Cannula	08290-0391-05	08290-3065-31	30/Box 120/Case

BD™ SASH Kits: 2 BD Pre-Filled Normal Saline Syringes, 1 Pre-Filled Heparin Lock Flush Syringe

306537	5 mL Fill in 10 mL Syringe – 100 unit/mL	08290-0420-05	08290-3065-37	10/Box 40/Case
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BD™ Pre-Filled Normal Saline Syringes — For Specialty Use

306500	10 mL Fill in 10 mL Syringe	08290-0330-10	08290-3065-00	30/Box 120/Case
306502	5 mL Fill in 10 mL Syringe	08290-0330-05	08290-3065-02	30/Box 120/Case
306503	3 mL Fill in 10 mL Syringe	08290-0330-03	08290-3065-03	30/Box 120/Case
306504	5 mL Fill in 5 mL Syringe	08290-0320-05	08290-3065-04	30/Box 120/Case
306505	3 mL Fill in 5 mL Syringe	08290-0320-03	08290-3065-05	30/Box 120/Case
306507	3 mL Fill in 3 mL Syringe	08290-0310-03	08290-3065-07	30/Box 120/Case
306508	2 mL Fill in 3 mL Syringe	08290-0310-02	08290-3065-08	30/Box 120/Case
306518	10 mL Fill in 10 mL Syringe with Blunt Plastic Cannula	08290-0331-10	08290-3065-18	30/Box 120/Case
306519	5 mL Fill in 10 mL Syringe with Blunt Plastic Cannula	08290-0331-05	08290-3065-19	30/Box 120/Case
306522	5 mL Fill in 5 mL Syringe with Blunt Plastic Cannula	08290-0321-05	08290-3065-22	30/Box 120/Case
306524	3 mL Fill in 3 mL Syringe with Blunt Plastic Cannula	08290-0311-03	08290-3065-24	30/Box 120/Case

All products are Latex-Free, Preservative-Free

Consult your local BD sales representative for ordering information or visit us online at www.bd.com/zero

BD Pre-Filled Flush Syringes are manufactured according to applicable provisions of 21 Code of Federal Regulations (CFR), including Current Good Manufacturing Practice and Quality Control Requirements.

^{1,4} Hadaway L. Technology of Flushing Vascular Access Devices. *Journal of Infusion Nursing*. 2006;29(3):139-140.

^{2,3} Hadaway L. Heparin Locking for Central Venous Catheters. *Journal of the Association for Vascular Access*. 2006;4(II):224-231.

⁵ Infusion Nurses Society Infusion Nursing Standards of Practice. *Journal of Infusion Nursing*. 2006;29(15):S56.

⁶ The Joint Commission. 2008 National Patient Safety Goal Hospital Program.

Available at www.jointcommission.org/patientsafety/nationalpatientsafetygoals.htm. Accessed September 21, 2007.

