



Product Catalog

Supplying Excellence.
Serving with Honor

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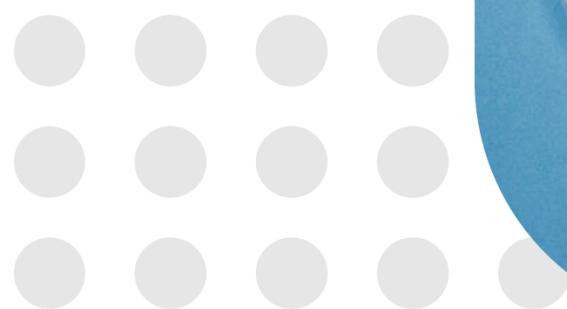
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About Us

BION Solutions LLC is a Veteran-Owned Christian company founded on integrity, service, and compassion. Through certified manufacturing partners, we specialize in intravenous therapy and essential medical consumables such as IV bags, infusion sets, catheters, and prefilled syringes.

Guided by biblical values, our mission is to strengthen healthcare systems by serving hospitals, clinics, and nations with transparency, accountability, and an unwavering commitment to excellence in patient care.



IV Bag: 0.9% Sodium Chloride (NaCl) Injectable Solution

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Specifications:

- Concentration: 0.9% Sodium Chloride (Isotonic)
- Sterility: Terminally sterilized, pyrogen-free, single-use only
- Wall Thickness: 300–400 microns (0.30–0.40 mm)
- Compliance: ISO 8536-4, ISO 594-1/2, ISO 10993, GMP, ISO 13485
- Shelf Life: 24–36 months (depending on batch and packaging)

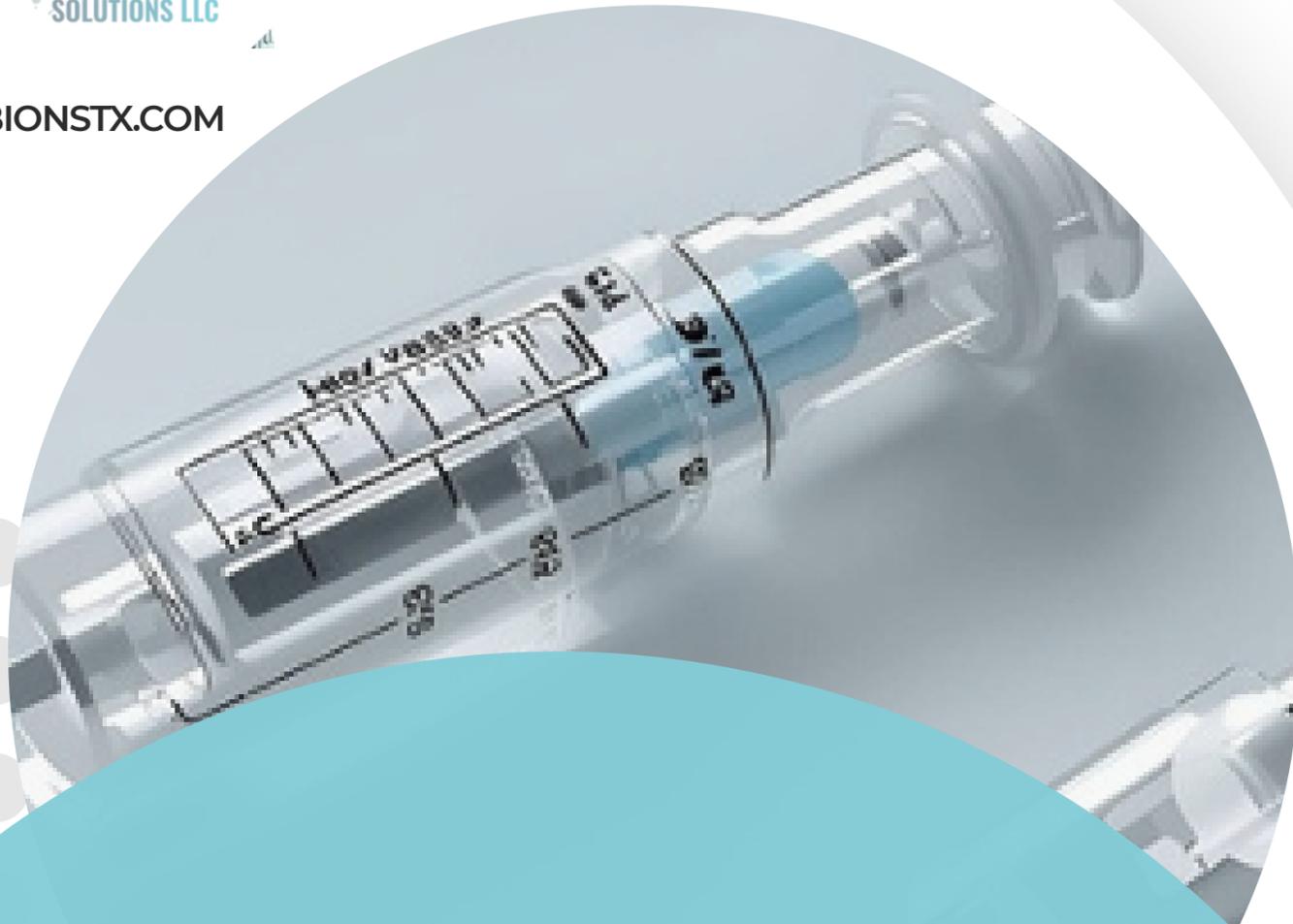
Available Volumes:

Volume	Indication
100 mL	Small-volume bag for pediatric, flush, or medication reconstitution use
250 mL	Medium-volume bag for short infusions or antibiotic delivery
500 mL	Standard clinical volume for general IV therapy
1000 mL (1L)	Large-volume bag for hydration and continuous infusions

Port system: Material options

Non-PVC	EVA, PP (Polypropylene), Multilayer PE (polyethylene)
PVC-DEHP free	

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Specifications:

- Length: 150–180 cm (customizable)
- Spike: Sharp, vented, or non-vented
- Drip Chamber: Transparent, flexible, with an air filter
- Roller Clamp: Precise flow control, easy to operate
- Connector: Standard Luer or Luer-Lock compatible Latex-free and DEHP-free materials
- Individually packed, sterile, and single-use
- Bulk carton options available for hospital procurement
- Compliance: ISO 8536-4, ISO 13485, and GMP-certified manufacturing

Properties:

- Medical-grade, non-toxic, and pyrogen-free
- Disposable, leak-proof, and collapse-resistant
- Each component is inspected for material and assembly quality
- Protective closures ensure airtight performance
- 100% quality-checked before packaging

Port system: Material options

Standard Flow

20 drops/mL

Micro Flow

60 drops/mL

Custom flow rates available upon request



Intravenous (IV) Catheters

High-performance IV catheters designed for safe, efficient venous access in clinical and emergency care. Made from medical-grade, latex-free materials for comfort, easy insertion, and minimal complications. Sterile, pyrogen-free, and single-use, meeting international standards for safety and performance

Key Features:

- Sterile & Single-Use: Prevents contamination
- Needle Safety Design: Smooth, precise venipuncture
- Premium Materials: Latex-free and non-toxic
- Universal Compatibility: Fits IV tubing and Luer lock systems

Size and Code

Code	Size	Code	Size	Code	Size
MM51	G14	MM38	G18	MM19	G21
	G16	MM19	G19	MM25	G22
	G17		G23	MM32	G20
				MM20	G24

Ready-to-Go Saline Syringes

Prefilled, sterile syringes with 0.9% Sodium Chloride (NaCl) for quick, safe catheter flushes and IV line maintenance. Designed for single use to reduce infection risk and enhance clinical efficiency.



- Volume: 10 mL
- Solution: 0.9% Sodium Chloride
- USP Concentration: Isotonic
- Shelf Life: Up to 24 months (depending on batch and packaging date)
- Packaging: Individually blister-packed in secondary cartons

Key Features:

- Prefilled & Ready to Use: Saves preparation time
- Sterile & Single-Use: Prevents contamination
- Luer Lock Tip: Secure fit with most IV and catheter systems
- Clear Graduations: Easy-to-read for accurate dosing

About Our Products

At BION Solutions, we believe true healthcare excellence begins with integrity and service. Our mission is to deliver high-quality, compliant medical products that empower hospitals and clinics to provide safe, life-sustaining care

Commitment to Quality

Every product meets ISO 13485, GMP, and applicable FDA or COFEPRIS standards. From IV bags to saline syringes, each unit is tested, traceable, and verified by an independent lab in Dallas, Texas, to ensure consistent quality and safety

Thank You



Looking for other medical consumables?

Contact us at
info@worldpronet.com