## **Four For Your Future**



Grand River Aseptic Manufacturing ("GRAM") delivers superior fill and finish services for liquid and lyophilized vials, syringes, and cartridges. With three fill lines (and a fourth on the way), GRAM's world-class facilities, innovative equipment, and experienced team deliver pharmaceutical manufacturing that gives our clients the ultimate versatility to scale their products and succeed in the marketplace.

#### **Services:**

- Biologics, small molecule & vaccines
- Clinical & commercial
- Multi-product design
- 280,000+ sq.ft. cGMP space
- Vial & syringe/cartridge filling
- Lyophilization
- Terminal sterilization
- Labeling & packaging

# **Aseptic Filling**



Grade C Formulation Suites | Three Filling Suites | Development Laboratory | Customer Viewing Rooms

- Bausch+Ströbel VarioSys® modular vial and syringe/cartridge filler with SKAN
- Bausch+Ströbel high-speed 4-head vial filler with SKAN Isolator and IMA Lyo
- Duplicate Bausch+Ströbel high-speed 4-head vial filler with SKAN Isolator
- Bausch+Ströbel 8-head vial filler with SKAN isolator
- Formulation volumes up to 1,000 L
- Single-use-systems or product dedicated process equipment
- Commercial-scale lyo with auto-loader

### **Highlights:**

- Selected by the U.S. Federal Government to expand fill/finish capacity to support public health emergencies
- Expanded capacity to deliver 50+ million units for our clients
- Zero observations & regulatory approval of expanded filling facility & new finishing center
- Facility of the Year Awards Winner 2021
- Best & Brightest Company 2017, 2020-2023
- Inc. 5000 ranked 2017-2023

### **Finishing Center**



200,000 sq.ft. Finishing Center | Four Label & Pack Suites | Warehouse | Analytical & Microbiology Labs

- Fully automated, semi-automated, & manual inspection
- Dividella labeling and packaging line with container drying table
- Full product serialization and aggregation
- Weigh & dispense suite
- Ultra-cold API storage
- Walk-in cold storage +2°C to +8°C
- Walk-in frozen storage -20°C
- Analytical QC laboratory