IMPROVING CARE
MATERIAL SOLUTIONS FOR PREFILLED FLUSH SYRINGES

Healthcare professionals trust your devices to deliver simplified, reliable and critical care. To meet the growing demands for patient safety and improved patient comfort, prefilled flush syringes play an increasingly critical role in simplifying care and administering important medications when it matters most.

A prefilled flush syringe may appear to be a straightforward drug delivery device, but product development and innovation is far from simple. To succeed, your products and components must meet stringent regulatory standards and application-specific demands that contribute to improved patient care. Our in-depth industry knowledge, technical capabilities and expansive material solutions help you to address those challenges. We’ll work with you to optimize part design, navigate regulatory processes, meet performance specifications, shorten the product development cycle, and more.
DELIVERING SAFETY & PERFORMANCE

Healthcare professionals rely on innovative and dependable devices to deliver essential patient care. When designing prefilled flush syringes, you need the same innovative approach and reliable performance to help caregivers succeed. Avient Distribution’s comprehensive approach to materials solutions and product development can help meet those challenges.

1. PROTECTION
   Biocompatibility, Reliable Sealing, Durability
   **SOLUTION:** Medical Polypropylene

2. SAMPLE CONTROL
   Biocompatibility, Chemical Resistance, Low Extractables & Leachables
   **SOLUTIONS:** Butyl Rubber, Thermoplastic Vulcanizate (TPV)

3. PERFORMANCE
   Biocompatibility, Rigidity, High Heat Resistance
   **SOLUTION:** Medical Polypropylene

4. RELIABILITY & AESTHETICS
   Biocompatibility, Rigidity, High Clarity, Low Extractables & Leachables
   **SOLUTION:** Medical Clarified Polypropylene

5. EASE OF DISPENSING
   Stable, Consistent Pushing Force
   **SOLUTION:** Medical Silicone Fluid