

MEDICAL _____ DESIGN BRIEFS

JUNE 25, 2026 | MEDICAL | MANUFACTURING & PROTOTYPING | TUBING & EXTRUSION | PACKAGING & STERILIZATION

New Velocity Group Plant to Feature Cleanroom-Based Injection Molding for Medical Device Manufacturing



Velocity Group , an Ohio-based contract manufacturer specializing in high-mix, low- to mid-volume assembly, injection molding and tooling, is opening a new 70,500-square-foot manufacturing facility that triples the company's production capacity and introduces a highly specialized capability for medical device and life science applications: performing injection molding within a clean room.

While cleanrooms are standard for medical device assembly and Velocity Group has offered FDA Class 7 cleanroom assembly for many years, the ability to execute the injection molding process inside a cleanroom provides critical contamination control and time-saving benefits, including:

- Eliminates the need for a separate sterilization process to remove airborne particulates that can contaminate sensitive devices such as those involving implants, drug contact or precision mechanisms.
- Uses high efficiency filtration, tightly regulated airflow and strict operator protocols including disposable clean suits, masks and sterile gloves.
- Meets customer demand from medical device companies seeking higher cleanliness standards.

Opening in July 2026, the new plant will consolidate three previous facilities enabling engineering, toolmaking, injection molding and sub assembly to be fully co-located, allowing for faster iteration, improved process validation and tighter alignment with quality system requirements.

The company says the plant will take lean manufacturing and Six Sigma methodologies to the next level and enable more seamless and collaborative operation across all stages of production. The result will be faster speed-to-market, improved quality control and stronger outcomes for customers.

“This new facility will provide important efficiency benefits for all of our customers, and particular benefits for medical device and life sciences manufacturers,” says Kent Savage, founder and executive chairman of Velocity Group. “Bringing injection molding into the clean room reduces contamination risk and rework, shortens validation and release timelines, and streamlines downstream sterilization.”

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