



Fill4Sure™ Filling Needles



Fill4Sure™ Filling Needles provide a needle for every drug product application or filling machine. An offering of both ready-made and tailor-made needles provides 100% coverage across the fill-finish arena, uncoupling the restrictions posed by OEM needles. Fill4Sure™ Filling Needles are made from premium 316L stainless steel with polycarbonate housings in an oil- and adhesive-free manufacturing process. Filling speed, precision and accuracy are at the heart of the design process.

- Repeatable performance and affordability in a single-use format
- Oil- and Adhesive-free manufacturing
- Standard and Custom needle designs
- Premium healthcare grade construction materials
- Co-axial filling needle available for gas-overlay filling of oxygen sensitive drug products
- Filling Needle ID range from 0.8 mm to 9.0 mm

Features

Benefits

Single-use, ready to use

- Open, sterilize and fill;
- Increase productivity through decreases in set-up times

Made-to-fit

- Needles designed for compatible fit not proprietary fit
- Needles available for any filling machine configuration with full customization available

Repeatable Performance

- Consistent Performance: Confidence in product uniformity across batches is achieved by conducting meticulous quality control checks, ensuring needle equivalence with each production run.
- Material lot qualification for consecutive construction standards

Needle Straightness

- Needle straightness of < 2mm/M for high-speed filling

Premium Construction Materials

- ISO9626 lot verified 316L stainless steel
- USP Class VI, healthcare grade polymer machine housings certified to 21CFR177.1580
- Latex-, phthalate-, RoHS- and REACH-free materials

Oil- and Adhesive- free Construction

- Minimize introduction of foreign particles into the filling environment
- No additional cleaning required, further minimize set-up time and quality control procedures



Materials

- Needle Tubing: 316L stainless steel – ISO 9626 lot certified
- Needle Housing: USP Class VI healthcare grade polycarbonate – certified to 21CFR177.1580
- REACH, RoHS, phthalate and latex free

Packaging

- 70% IPA cleaned in a HEPA-filtered Class 7 environment prior to double-bagging.

Sterilization

- Autoclave
- Gamma-irradiation (max 50kGy)

Applications

- Final-fill automated filling for drug products, cell and gene therapy and formulations.
- Benchtop filling applications for clinical trial sized production.
- Gas-overlaying for oxygen-sensitive drug products.

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