




Fill-Finish Spare Parts

Components for Pharmaceutical Machines



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Swiss Quality Products



Trust thanks to great expertise and many years of experience

Fill-finish spare parts are very important components in the pharmaceutical liquid productions. It is often difficult for outsiders to comprehend the complexity of choosing the right solutions in this context. The multitude of applications standard and not-standard, the features of the materials used, or the numerous options make the configuration of the fill-finish systems a true art.

Although numerous companies are entering this demanding market, only a handful have really established themselves. We are all the more proud of the great success of Aseptconn in this market environment. But this success does not come by chance. Our employees have the required specialist knowledge and many years of experience in the technical sale and manufacture of such fill-finish components.

The leading solution for liquid sterile technology

This special expertise has been incorporated into the design and manufacture of high precision fill-finish components for pharmaceutical liquids. The ability to innovate with high knowledge of the sterile environment make it possible for Aseptconn to provide customized solutions to each problem and offer technical answers to the requirements of our customers.

You will find numerous other examples in this catalogue that demonstrate why you can trust Aseptconn when it comes to selecting the right fill-finish component. We look forward to being able to provide you with support and advice.

Warm regards,
Fabio Stiz & Sergio Cerenzia



Fabio Stiz
CEO and Co-Founder
Aseptconn AG



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Multi-Use Solutions

Fill-Finish Components for Pharmaceutical Process

Aseptconn fill-finish components are designed made-to-measure, our custom-made service provides the best technical advice for any kind of customers' requirements. We provide a wide range of solutions, accessories and components for all types of sterile and aseptic operations. Our engineering design team can develop components for every pharmaceutical machinery starting from a sample or an initial drawing according to the technical specifications provided by our customers. Aseptconn can repair old or damaged components which is significant cost saving for the customer.

- ① Filling Needle with Antidrip Tip for Bausch Stroebel Ampoules Machine.
- ② Filling Needle for Steriline SFM Aseptic Vials Machine.
- ③ Antifoam Filling Needle for IMA Ampoules Filler Machine.



- ① Special Antidrip Tip to avoid Dripping.
- ② Standard Filling Needle Tip.
- ③ Antifoam Filling Needle with a Scoop Tip to reduce the Foam..

Filling Needles

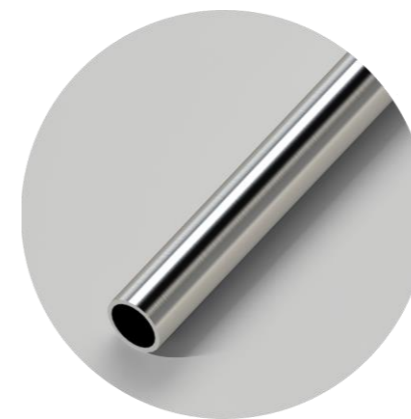
Filling Needles

Filling Needles are applicable for every pharmaceutical machines and designed for every liquid, volume and viscosity to fill with accuracy the correct dose of the liquid from 0.005 up to 250 ML with volumetric or peristaltic fill- finish systems. All the filling needles are in line with GMP and FDA standards and supplied with the complete 3.1 certification according to EN 10204.



Fill-Finish Components Materials

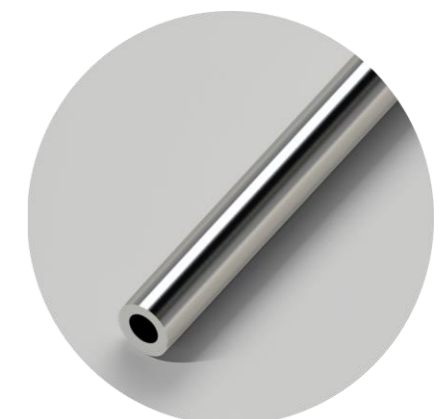
Aseptconn components are manufactured with 316L Stainless Steel, Titanium, Hastelloy C-22 or plastic materials such as Peek, PTFE, Pom-C, Polycarbonate, Polypropylene approved by FDA and/or USP Class VI. All the components are made from a single block or laser/TIG welded without death zones. The internal surface of the tubes are RA < 0.5 µm and provided with a roughness test report. Aseptconn components have a polished surface and a complete decontamination and passivation. Ultrasonic washing and final cleaning in conformity with NSF and FDA standards for food and pharmaceutical processing. We provide all traceability documents of materials in full conformity with UNI EN 10204 3.1.



Stainless Steel 316L Tube



Peek Plastic Tube



Stainless Steel 316L Tube

Filling Needles

Filling Needles Made-to-Measure

Filling needles made-to-measure can be developed by our skilled designers to fit the customers requirements, starting from the specification of the pharmaceutical machine or from the characteristics of the liquids to be dosed. Our technical sales can give the best customer-focused advice and analyze each problem to propose the best customized solutions to optimize the performance of the entire production line. Each project can be finalized from the start of the design till the final installation. It is also possible to re-design or to improve parts or existing systems, to achieve the best results based on the feedbacks of our customers.

Standard Filling Needles

Can replace all the OEM fill-finish needles suitable for the main brands of machines such as Bausch Stroebel, Syntegon, IMA, Groninger, Marchesini, Rota, Optima, Romaco, Steriline machinery and more. The needles are designed for every liquid, volume and viscosity and can be repaired like new.



- 1 Sterile Filling Needle for Rota Ampoules Machine.
- 2 Silicone Hose Connection Sterile Filling Needle for IMA.
- 3 Sterile Filling Needle for Optima Inova Vials Line.

Filling Needles

Special Tips for Filling Needles

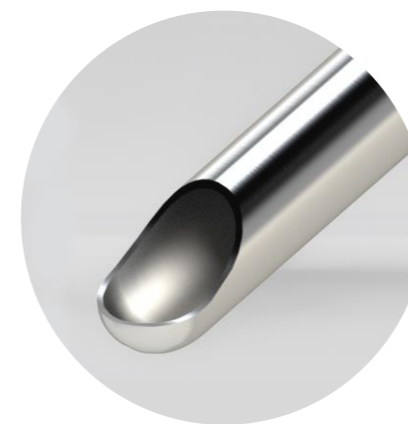
All types can be produced for every needle: Flat tip, Scoop tip, Needles with tip shaped like a double flaute mouthpiece, Anti-drip tips, Multi-holes tips and more.

- SS316L Filling Needle with Flattened Tip for Dara Pharma Vials Machine.



Filling Problems

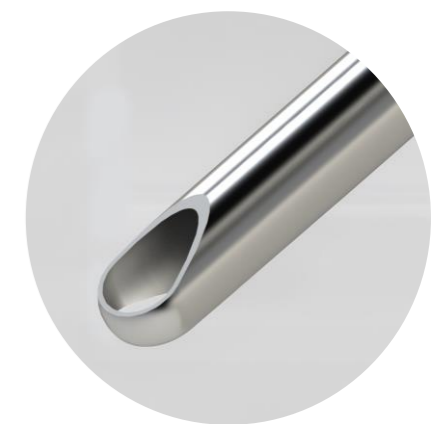
The needles may be partly responsible in some cases for filling problems such as foam, dripping, splash, liquid that overflows. We have already treated many problems and we can optimize many parts of the needle to limit or to remove the aspects that disrupted the filling. It should be noted that the needle represents only a small part of filling problems, in most of cases it is often necessary to look at other aspects of the filling line for example cadence, dosed product, installation etc. To find the origin we have the best technical expert who can intervene on your installations to analyze the situation and allow you to solve the malfunctions. Customized needle tips are developed to fix or reduce the common filling problems and can be produced for every needle.



Anti-Foam Scoop Tip



Flattened Tip



Anti-Drip Basket Tip 30

Filling Needles

Peek Filling Needles

The Peek filling needles are autoclavable and suitable for sterile or aseptic environments with acid - corrosives substances. The Needles can be used like Disposable or Multi-Use. Aseptconn can provide pre-sterilized needles packaged in double bag and assembled with silicone or PTFE hoses. The benefits of this solutions are many: Metal Ion-Free filling, suitable for warm liquids, high chemical stability, low weight and good cleanability.

Peek Filling Needles Made from a Single-Block

- ① Acid-Proof Peek Plastic Filling Needle for Truiking Machine.
- ② Acid-Proof Peek Plastic Filling Needle for Syntegon Machine.



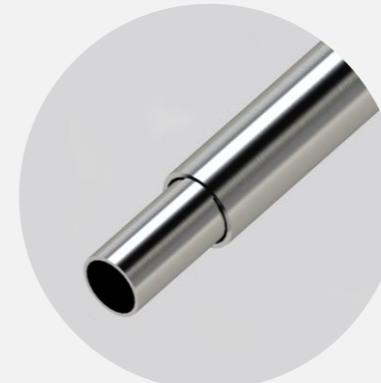
Peek Filling Needle Accessoires

- ③ Disposable Filling Needle for Groninger Aseptic Filler Machine with Peek Holder.

Filling + Gassing Needles

Filling + Gassing Needles Tips

Our Co-Axial Nitrogen + Filling Needles Tips are developed to optimize the gas diffusion inside the pharmaceutical container and fix or reduce the main filling problem.

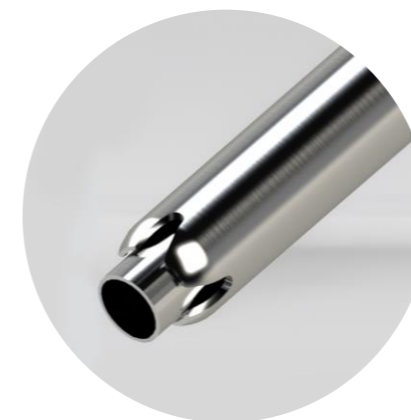


Flat Filling Tip with Nitrogen Tube



Filling + Gassing Needles Main Features

- Our laser welded filling + gassing needles are designed to optimize the nitrogen diffusion inside vials, ampoules and syringes.
- Laser Marking - Permanent Identification with complete traciability of lot number.
- Their RA <math>< 0.5 \mu\text{m}</math> guarantees maximum sterilisation and hygiene standards.
- Respect for Good Manufacturing Processes: GMP.
- Passivated and Decontaminated.



Flat Filling Tip with 4 Splits Gassing Tube



Flat Filling Tip with 3 Splits Nitrogen Tube



Flat Filling Tip with 3 Splits Gassing Tube

Filling + Gassing Needles



- ① *Pharmaceutical Gassing + Filling Needle for MAR Sterile Machine.*
- ② *Pharmaceutical Gassing + Filling Needle for Bausch Stroebel Aseptic Machine.*
- ③ *Pharmaceutical Gassing + Filling Needle for Bausch Stroebel Syringes Machine.*
- ④ *Pharmaceutical Gassing + Filling Needle for Optima Inova Sterile Machine.*

Gassing Needles

Gassing + Filling Needle

- Nitrogen + Liquid Filling Needle for Rota Ampoules Machine with Antidrip Tip

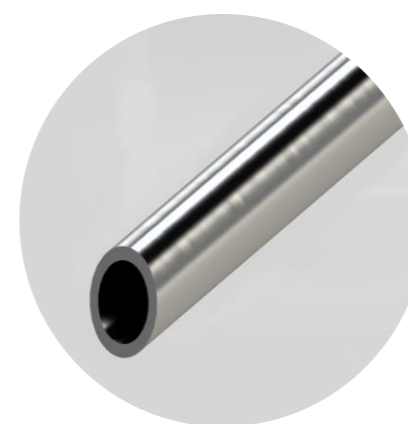


Anti-Drip Tip with 3 Splits Gassing Tube



Special Tips Design for Gassing Needles

Developed for the best gas - nitrogen diffusion inside the pharmaceutical containers and made with thick material for longer lifetime and less possibilities of bent tubes. In some models the gassing tube has also the function of perfect centering of the filling tube. Aseptconn always used food & pharma regulations compliant material steelworks and manufacturers MOCA or FDA certified, ensuring maximum quality of products thanks to strict controls on raw materials. The final product must meet the highest quality standards monitored with appropriate measuring equipment. Products certifications include the tests reports carried out, special coatings, treatments, quality and roughness reports.



Bevel Gassing Tip



Multi-Hole Gassing Tip



Conical Gassing Tip

Gassing Needles



- ① *Pharmaceutical Nitrogen Gassing Needle for Marchesini Corima Ampoules Machine.*
- ② *Pharmaceutical Nitrogen Gassing Needle for Rota Ampoules Machine.*
- ③ *Pharmaceutical Nitrogen Gassing Needle for Syntegon Ampoules Machine.*
- ④ *Pharmaceutical Nitrogen Gassing Needle for Bausch Stroebel Vials Machine.*
- ⑤ *Pharmaceutical Nitrogen Gassing Needle for Syntegon Vials Machine.*

Gassing Needles

Gassing Needle

- Nitrogen Gassing Needle for Groninger Vials Machine.



Centering Gassing Tip

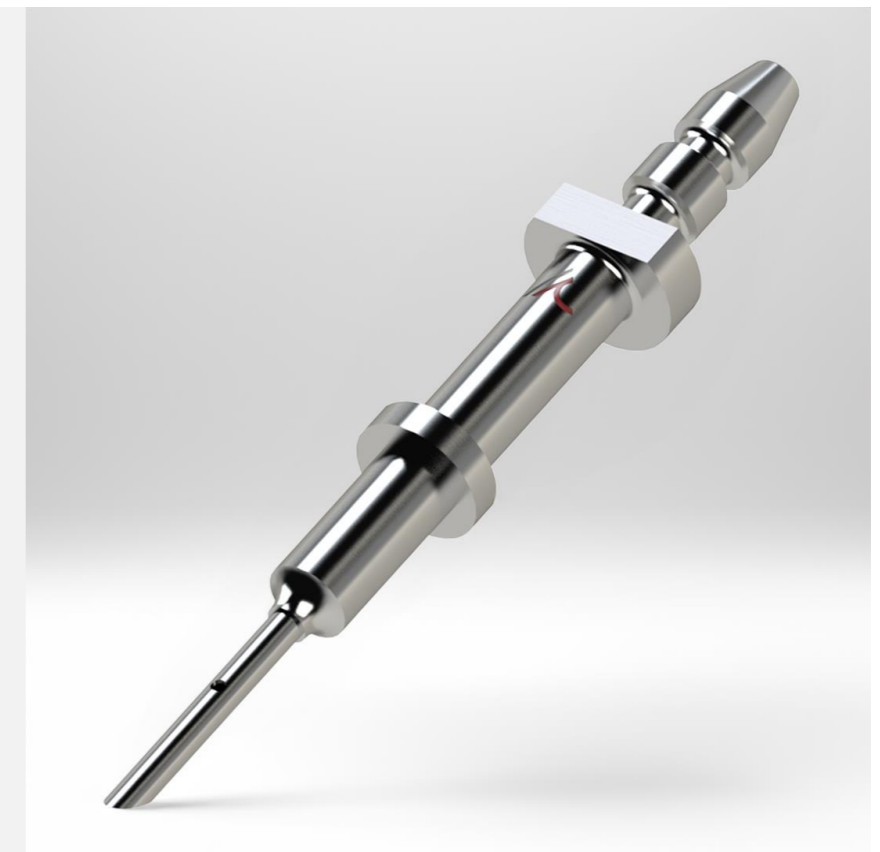


Gassing Needle

- Nitrogen Gassing Needle for Bausch Stroebel Machine.



Bevel Gassing Tip



Washing Needles

Washing Needles for Pharmaceutical Machines

Aseptconn washing needles are developed to optimize the washing performance with strong and durable tubes and tips. Aseptconn washing needles are possible to install in the main brands of machines and we can optimize the washing efficiency with a significative WFI use reduction with our special tips. For your machine we recommend a sufficient number of needles to ensure the smooth washing operations.

- ① *Multi-Outlets Pharmaceutical Vials Washing Needle for Syntegon Machine.*
- ② *Pharmaceutical Washing Needle for Rota Machine.*
- ③ *Pharmaceutical Washing Needle for Bausch Stroebel Machine.*
- ④ *Pharmaceutical Turbo Washing Needle for Steriline SFM Vials Machine.*



Washing Needles

Washing Needle

- *Hight Pressure Pharmaceutical Washing Needle for Dara Pharma Machine.*



Restriction Wash Tip



Washing Needles Special Tips

Aseptconn developed strong and durable tubes and tips for high pressure washing needles for the best cleaning performance.



Multi-Outlet Wash Tip



Turbo Wash Tip



Multi-Outlet Wash Tip



Blowing Needles

- 316L Multi-Cuts Blowing Needle for Pharmaceutical Vials.

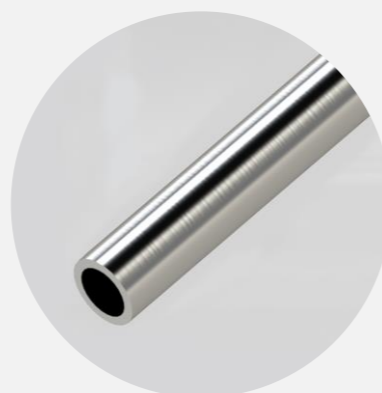


Multi-Cuts Blowing Tip



Suction Needles

- .316L Adjustable Suction Needle for Bosch – Syntegon Machines.



Flat Suction Tip



Your Contacts

If you have any questions, we will be happy to help you.
We will gladly present our products to you at your side.

GET IN CONTACT WITH US!



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