

MIXPAC™ Application Nozzles

Reliable Quality.

Sulzer Mixpac offers a coordinated range of accessories for static mixers. Snap-on application nozzles are used primarily for applications in confined spaces. They ensure that the materials are dispensed easily and precisely.



Snap-on application nozzles facilitate the easy and precise dispensing of materials.

Losing an application nozzle is one of the greatest risks during intra-oral treatment. Severe injuries to a patient's mouth and throat may result if the nozzle separates from the mixer housing and is swallowed, resulting in potentially dramatic legal consequences for the dentist and the product distributor.

Sulzer Mixpac products are perfectly matched and manufactured to tight tolerances. To ensure safety and quality during use, application nozzles are subjected to constant testing:

Plug-in force on the mixer housing

The force required to snap the application nozzle onto the mixer housing is minimized. The individual components are dimensioned to guarantee a secure fit.



Torque for the application nozzle

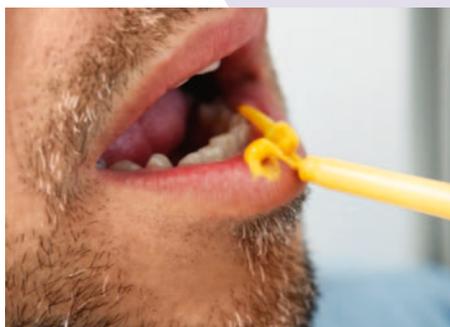
The nozzle remains precisely positioned while the material is dispensed at the mixer tip. The optimal fit prevents the application nozzle from slipping, allowing the dentist to avoid repeating individual operations while also saving material and time.



Twisting off the application nozzle during a molding operation

Chipping force

The special design ensures a secure and tight connection between the mixer housing and the nozzle, preventing chipping due to excessively high pressure.



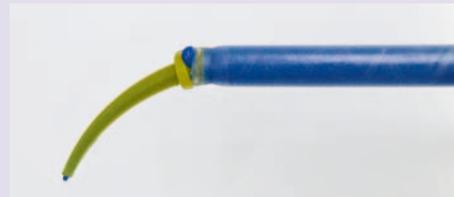
Chipped application nozzle during intra-oral treatment

Mass jet path on exit

Sulzer Mixpac application nozzles were designed to ensure that no flow deflection occurs and the dispensed material can be applied precisely.

Sealing

The individual components are perfectly matched. They provide excellent tightness and ensure clean and uniform work.

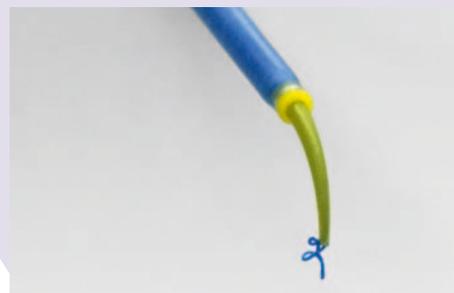


Dispensed material between mixer and application nozzle

Top-quality certified products

The raw materials used in the manufacture of application nozzles are listed with the FDA and meet the highest requirements for purity and health. Production takes place in a clean room under strictly controlled conditions to eliminate possible contamination. Sulzer Mixpac products stand for the highest quality and reliability. They are tested and certified under the following regulatory standards:

- DIN EN ISO 9001 – Quality Management
- DIN EN ISO 14644 – Clean Room Production
- GMP/94EC – Good Manufacturing Practice and Hygiene in Production
- DIN EN ISO 13485 – Medical Devices for Regulatory Purposes



Flow deflection (spiral jet) caused by a burr on the application nozzle

