

The ABC Transfer® EasyGlide™ revolutionary seal

A PERFECT MATCH FOR STERILE AND HIGH POTENT APPLICATIONS

Beta container & single-use bag Easyglide™ seal



Alpha port Easyglide™ seal

The ABC Transfer revolutionary seal has been designed to improve leak tightness, simplify maintenance, and increase operator safety. It is available on ABC Transfer's Alpha ports, Beta containers and single-use bags.

○ High leak tightness

Less than 10^{-6} Pa.m³/s at 500 Pa. Our tests show a performance at least 10 times better than conventional seal systems. Containers can be kept in storage much longer after autoclaving.

○ Virtually no ring of concern: 119 mm²

The absence of lips as well as the utilization of a rigid liquid silicone material make it possible to reduce the size of the ring of concern.

○ Compatible with existing lip seal products

Although the performance of the Easyglide™ seal is best achieved when it is used jointly on the Alpha and the Beta, Easyglide™ is compatible with conventional lip seal systems.

○ No lips on the seal

Easyglide™ is almost flat. This removes the unnecessary suction created by conventional lip seals and the associated reduction of sterility assurance. In addition, liquids can be easily eliminated.

○ Reduced rotation torque

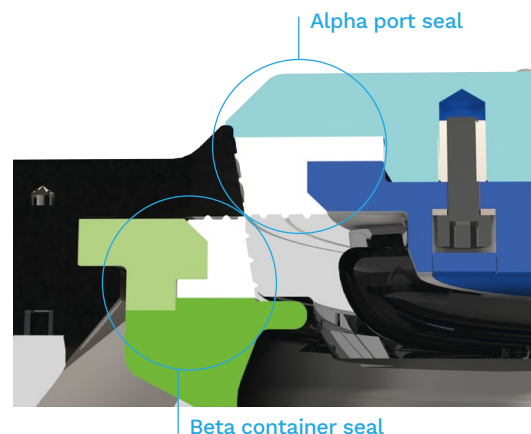
Thanks to its special design. Depending on the conditions, a rotation torque of 30-40 N.m has been measured on our 190-diameter system.



GMP compliance

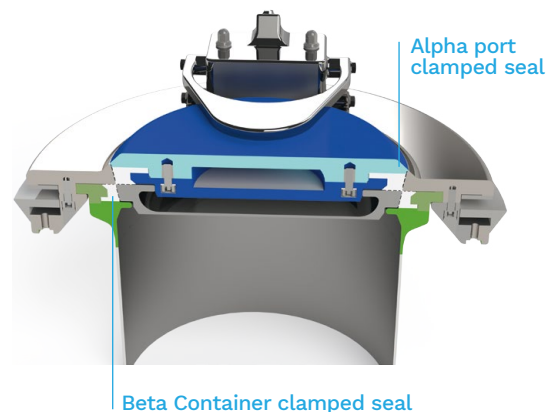
- No hidden surfaces.** All surfaces in contact with the process are reachable by the operators for cleaning purposes and can be easily bio-decontaminated by H₂O₂ either as a vapor or a fog.
- Easily cleanable.** The Easyglide™ seal can be easily cleaned with wipes. All surfaces are reachable.
- No filters on the ABC Transfer Alpha RTP.** The ABC Transfer Alpha port is fully leak tight. There is no need for filters to protect the holes needed to release the suction effect or conventional systems. The maintenance of the port is simple and the sterility risk created by these filters is removed.

- No water retention.** The surface of the seal is almost flat. Containers using the Easyglide™ seal can be washed with the seal in place.
- The Easyglide™ silicone complies with FDA 21 CFR & USP Class VI as well as ISO 10993.**



Reduced contamination risks

- Fewer particles generated during connection** thanks to the reduced friction of the Easyglide™ system. This reduces the risk of pollution of the process, or the components transferred in the process, by micro-particles.
- Safer assembly.** The seal is clamped between 2 rigid plates and cannot move during the connection of the Beta to the Alpha. The leak-tightness remains stable throughout the transfer process.



ABC Transfer seal technical information

DIAMETER	AVAILABILITY		
	Alpha port seal	Beta container seal	Single-use bags seal
105	Q2 2022	Q2 2022	Q4 2022
190	Q4 2020	Q1 2021	Q1 2022
270	Q1 2021	Q1 2021	-