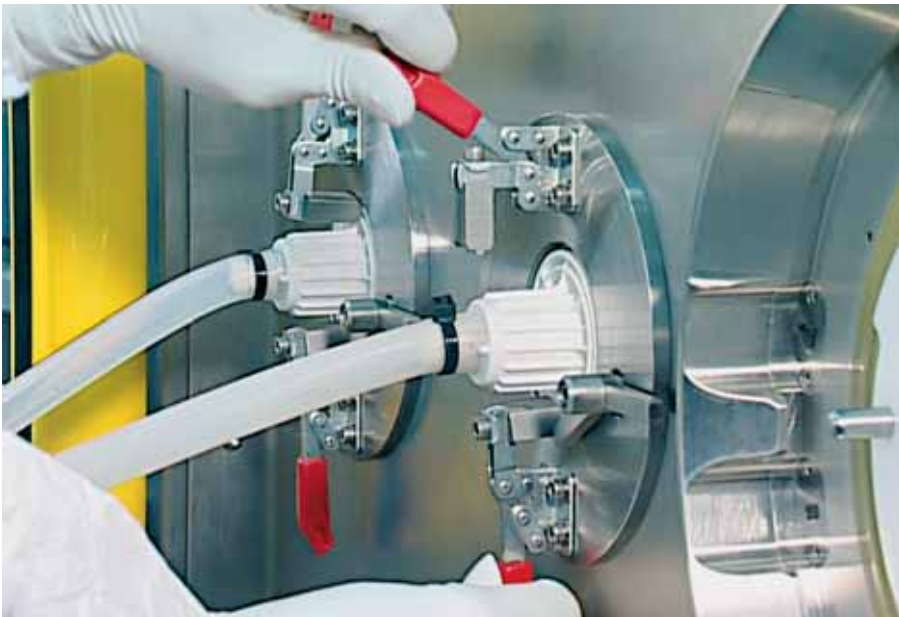


SART System™

Sartorius Aseptic Rapid Transfer System



Technical Specification

External Port

Port Material:	Stainless Steel 316L
Sealing Material:	Silicone
Thickness requirement for wall:	10 mm

Internal Port

Material:	Stainless Steel 316L
-----------	----------------------

Gammasart ATD™ Connector

Connector Body Material:	PBT Celanex Grade 2404MT
Overmolded Seal Material:	Santoprene Grade 281-64

Description

The SART System™ is designed to allow aseptic liquid transfer between two areas with different containment classifications. The SART System™ consists of an external port, an internal port and a disposable connection device – Gammasart ATD™ –

Operating Principle

Applying RTP technology at the port as well as the disposable connector the SART system™ utilizes a well established and accepted aseptic connection technology. The principle of the connection is based on the alpha-beta concept using 4 V-shaped profiles matching exactly at the tip. The small size allows accurate matching of the V-shaped profiles.

Applications

The SART System™ has been developed to facilitate an aseptic transfer from:

- a clean room into a protected environment (Isolator, Restricted Access Barrier System | RABS).
- a lower classified clean room or even corridor into a class A/ISO 5 clean room

The disposable Gammasart ATD™ connector may be sterilized by autoclave or gamma irradiation, enabling use for either traditional vessels or fully disposable fluid handling technologies.

Flexibility

The disposable Gammasart ATD™ connector may be opened and re-used up to five times. Multiple transfers of different volumes can be processed without the need of re-sterilization. In the event of a stoppage on a filling line, the Gammasart ATD™ connector allows that the bulk can be safely removed from the line, stored and re-connected later.

Safety

The port is equipped with mechanical interlock systems that prevent an accidental opening of the port in without the Gammasart ATD™ connector in place and accidental release of the outer part of the connector. The Gammasart ATD™ connector is 100% air leak tested as a condition of lot release.

Qualification

The SART System™ and the Gammasart ATD™ connector have been extensively qualified for use in critical applications within biopharmaceutical manufacturing processes. A validation guide is available.

Aseptic Fluid Transfer

Ordering Information

Order Code	Description
AN-CON-202025	SART System™, Sartorius Aseptic Rapid Transfer System Incl. external port, external port cover, internal port and internal stopper
AN-CON-102025	Gammasart ATD™ Disposable connector for aseptic liquid transfer Incl. connector body and connector cover, non sterile, 1 piece/case

Please note: Validation information can be obtained in the validation guide SL05701-e.

Sartorius AG
Weender Landstrasse 94–108
37075 Goettingen, Germany

Phone +49.551.308.0
Fax +49.551.308.3289
www.sartorius.com

USA +1.800.3687178
UK +44.1372.737159
France +33.1.69192100
Italy +39.055.634041
Spain +34.91.3586100
Japan +81.3.33293366

Specifications subject to change
without notice.
Printed and copyrighted
by Sartorius · W/sart-000 · G
Publication No.: SL-2036-e06111
Order No.: 85030-532-33