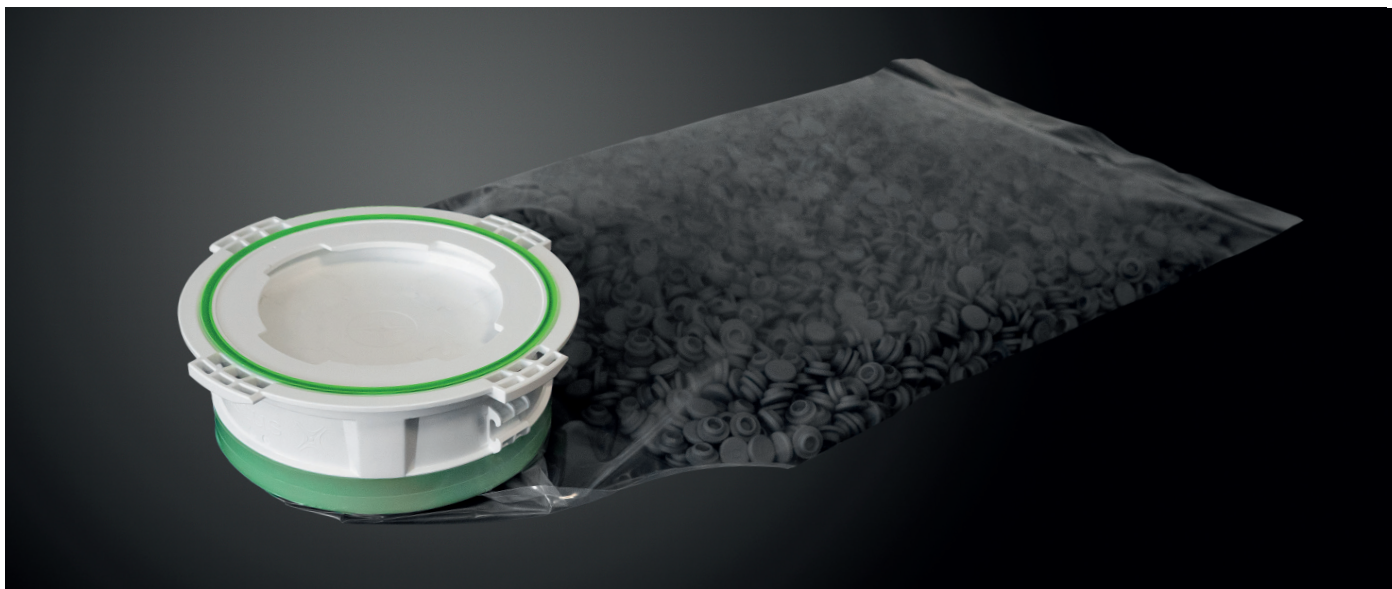


Your partner for the design
and manufacture of sterile
Rapid Transfer Systems



Flexibility when it counts.
Customized solutions for isolator technology

castus beta SINGLE USE **BAGS** (CSU)



Manufacturers of pharmaceutical and medical products are faced with a more and more complex demand for individual products which comes together with the realization of more flexible processes. Of course, these requirements must be faced with flexible transfer solutions that are capable to ease the realization. Launching the beta Single Use Bags (CSU), castus is reacting to generate more flexibility combined with a safe and cost-effective solution.

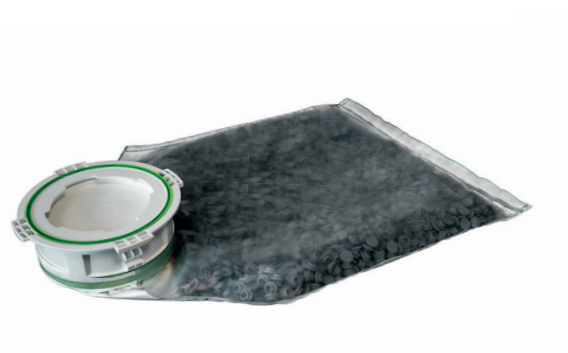
Not just an alternative but an advantage.

.....> **BENEFITS**

- Safe handling thanks to the injection of silicone gasket
- RFID chips included to the flange for automated applications
- Improved emptying of bag thanks to new design
- Higher volume capacity per bag
- Creation of flexible and faster processes



castus beta Single Use Bags – Versions	
Diameter	190 mm
Beta Part	Flange and Lid: Polycarbonate Cover Lid: PET Gasket: Silicone Ring: PE
Bag Types	PE / EVOH / PE, Tyvek® 1073B / HDPE
Volumes	5 – 100 Liter



Standard sizes available based on 30 liter volume to cover the minimum demands starting with one piece.

.....> OPTIONS

- Assembly of additional chute
- Pre-gamma-sterilized CSU in accordance to validated SOP
- Re-usable stainless-steel handles for docking of CSU
- Trolley for internal handling of heavy product

.....> TESTING AND DOCUMENTATION

- Shelf Life: 2 years (accelerated testing)
- Certificate of Conformity (CoC)
- Certificate of Analysis (CoA)
 - IR-Spectrum
 - Particle Counting
 - Endotoxin and Bioburden Testing

optional

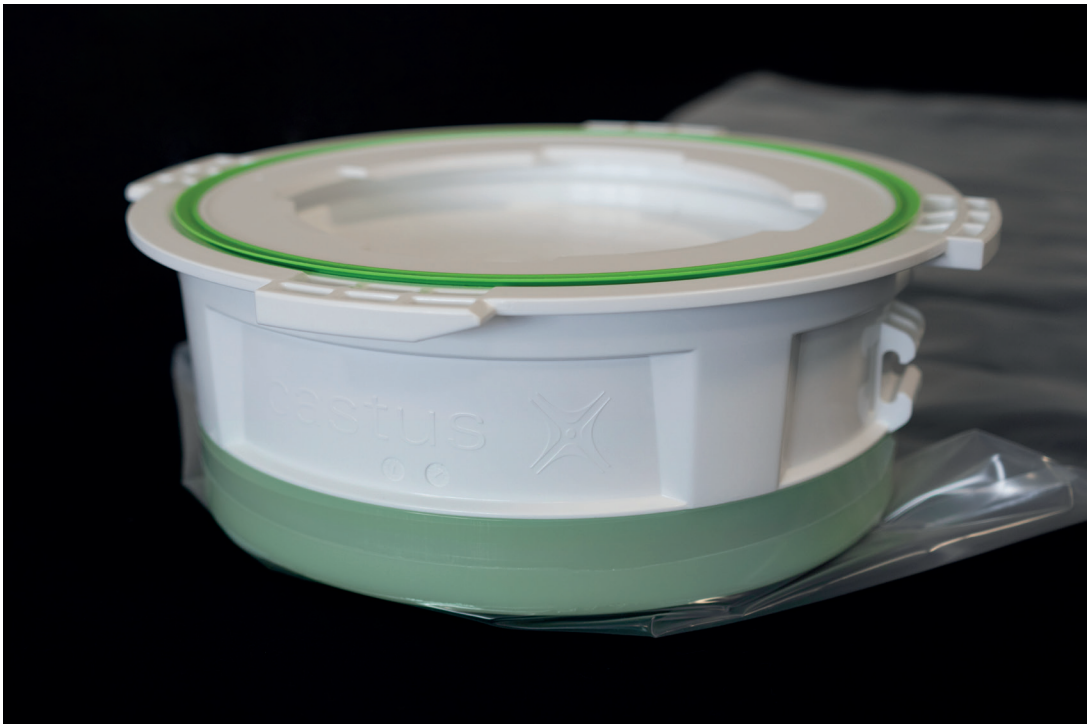
- Certificate of Irradiation (Col)

.....> PRODUCTION

- Production process under clean room conditions in accordance with DIN EN ISO 14644-1 class 5 at rest
- 100% Tightness Testing
- 4 pieces per bundle, packed into 2 protection bags
- Full traceability over the whole production process
- Documentation of IPC controls
- Release samples available for every batch

.....> STERILIZATION METHODS

- ETO-Sterilization
- Gamma-Sterilization (with at least 25 kGy)
- X-Ray Sterilization
- Steam-Sterilization (up to 125° / 15 – 20 min)
- Plasma-Sterilization
- VHP-resistant



Suitability of beta CSU for its application is in the responsibility of the final user.

