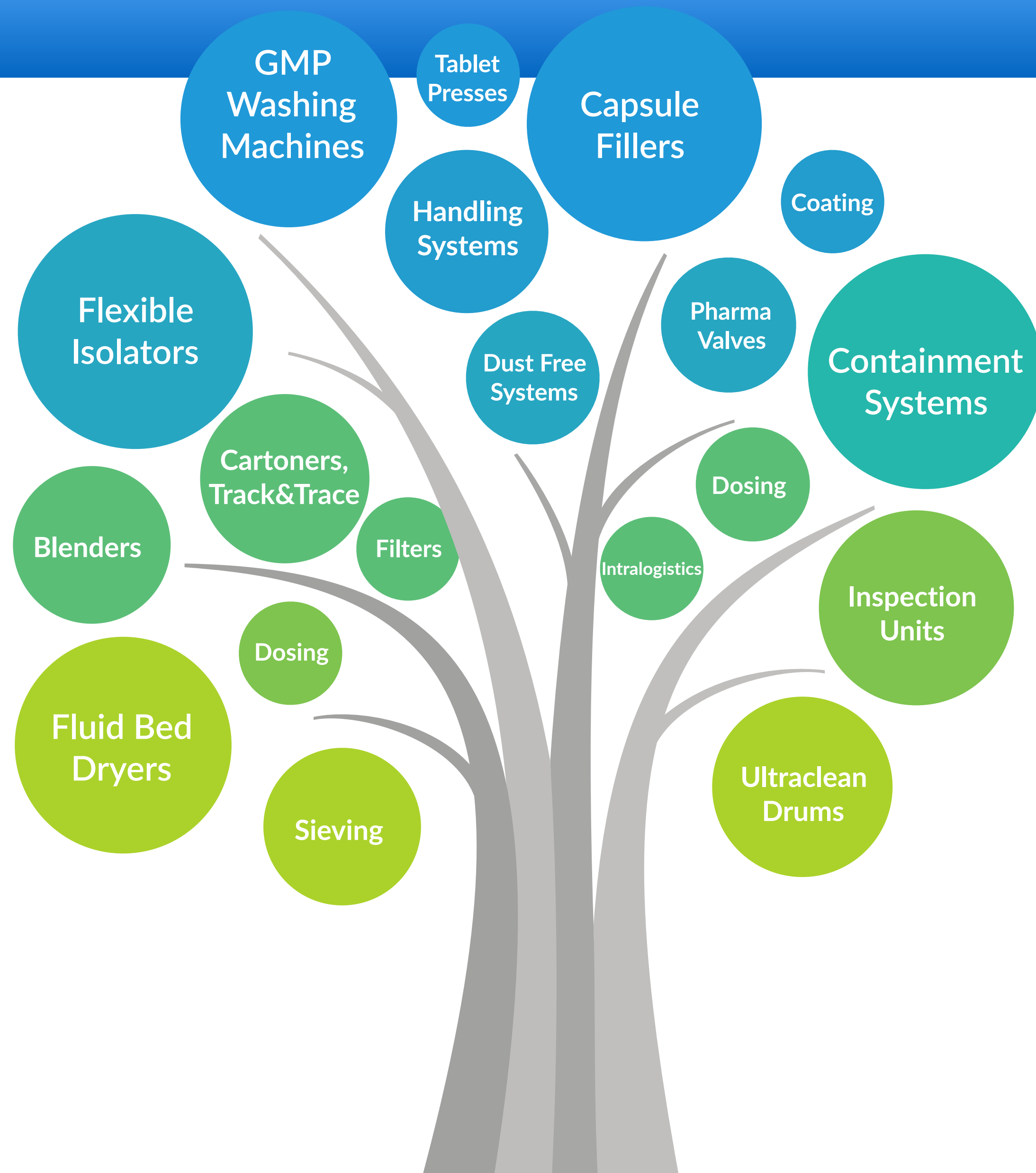


PRODUCT PRESENTATION



Мировой уровень Промышленные решения для порошков

от компании *Ezi-Dock™ Systems Limited*



КТО ТАКИЕ EZIDOCK ?

Ezi-Dock™ Systems Limited is a 100% privately-owned company based in Nottinghamshire, UK. Established in 2003, Ezi-Dock™ manufactures World Class products for processing, handling and storage of semi-bulk Powders & Liquids.

Ezi-Dock™ Systems supplies World Class Industrial Packaging Solutions for High Containment Product Transfer, FIBC Dust Free Handling and Single-Use Valves & Fittings for Bag in Box and Flexitank applications.

The Ezi-Dock™ Systems range of products continues to evolve to meet our customers needs, but will always remain innovative, often single or campaign-use, cost-effective, and unafraid to challenge out-moded traditional technologies.



Основана в 2003 Майком Бримсоном и Стивом МакАлеви

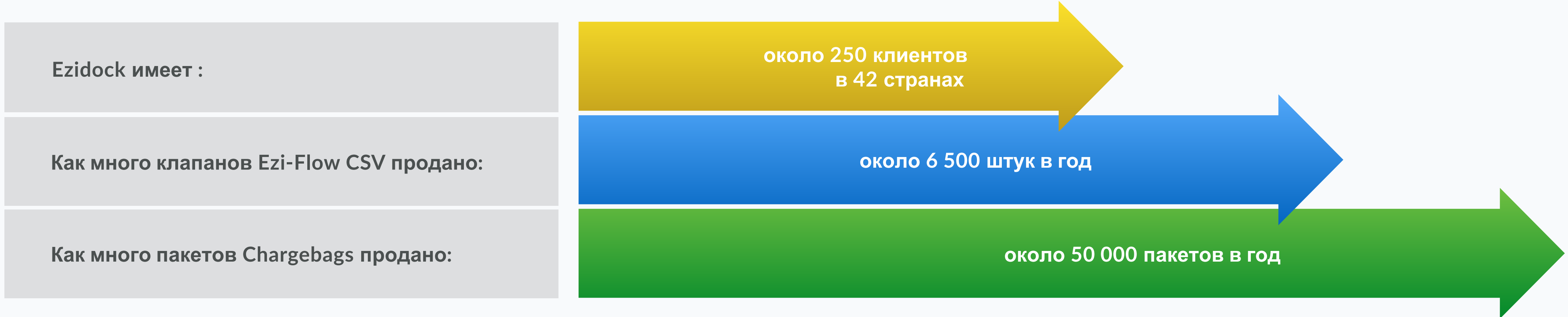


КТО ТАКИЕ EZIDOCK ?

Ezi-Dock™ Systems Ltd
Unit 4B, Park Court
Park Lane Business Park
Kirkby in Ashfield
Notts NG17 9GU
UK

- Ezi-Dock™ Systems Limited are a privately owned Company based in the UK.
- Innovative + Creative Designs
- Specialists in Industrial Packaging Solutions for Food, Chemical & Pharmaceuticals
- Products for handling and storage of highly potent active pharmaceutical ingredients (HAPIs), chemicals, toxic or sensitive materials.
- Highly Effective, Affordable Products
- Worldwide Support with Distributors & Sales Agents

КТО ТАКИЕ EZIDOCK ?



APRIL

36%

Пользователи









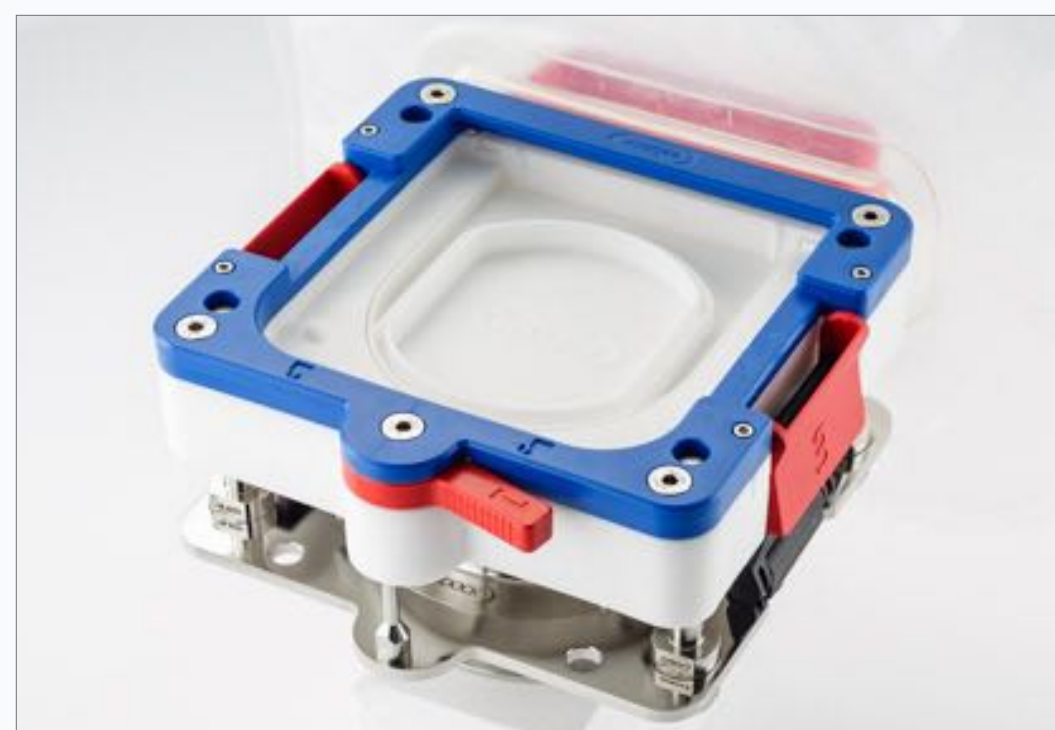







EZI-DOCK™ ПРОДУКЦИЯ

ОСНОВНАЯ



EZI-FLOW™ CSV4 & CSV6
СИСТЕМА
ТРАНСПОРТИРОВКИ



EZI-FLOW™ CSV4 "ALL PLASTIC"
СИСТЕМА
ТРАНСПОРТИРОВКИ



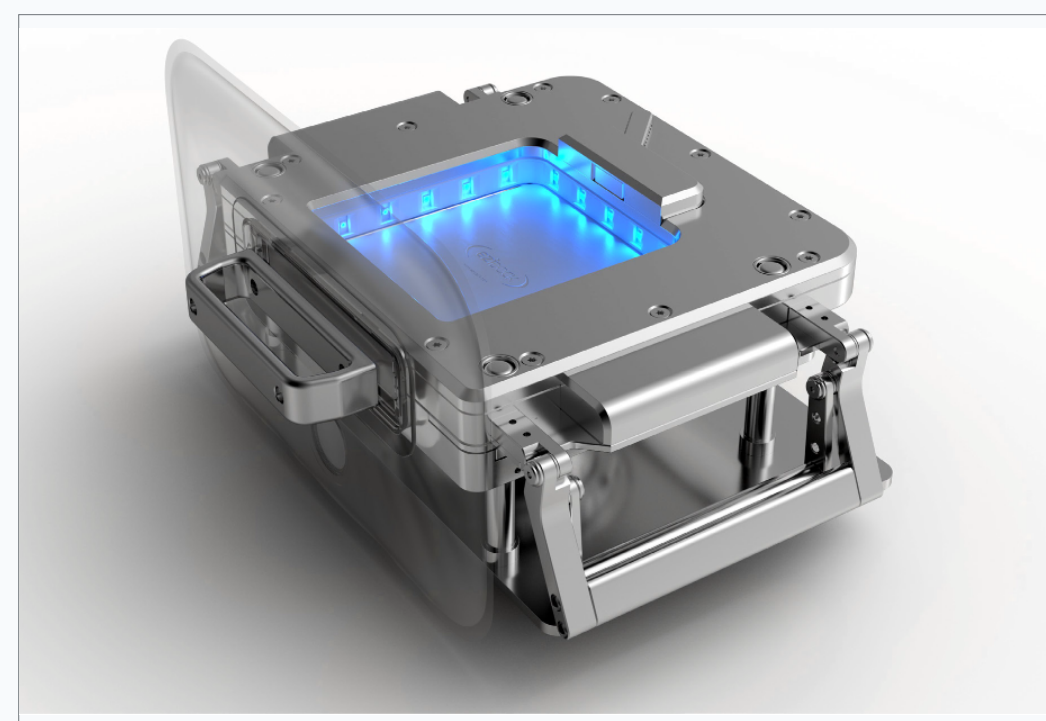
ПАКЕТЫ
ФАРМАЦЕВТИЧЕСКИЕ



БУТЫЛИ
ФАРМАЦЕВТИЧЕСКИЕ

EZI-DOCK™ ПРОДУКЦИЯ

ОСНОВНАЯ



EZI-FLOW™ CSV
АСЕПТИЧЕСКАЯ СИСТЕМА
С УФ-ОБРАБОТКОЙ



EZI-STRAP™
LINER TENSIONING SYSTEM



CONTINUOUS LINER
SYSTEM

PHARMACEUTICAL
PROCESS BOTTLES

EZI-FLOW™ CSV4 СИСТЕМА ТРАНСПОРТИРОВКИ

В основе герметичной загрузки/выгрузки порошков Ezi-Dock лежит клапан Ezi-Flow CSV, доступный в форматах многоразового или одноразового использования с отверстиями 4" и 6". Клапан обеспечивает высокую герметичность при относительно низкой стоимости.

АКТИВНЫЙ СЛАЙДЕР



АКТИВНЫЙ
БЛОК
No. 1

АКТИВНЫЙ РЫЧАГ
No. 3

АКТИВНАЯ
РУЧКА
No. 2



ПАССИВНЫЙ СЛАЙДЕР

EZI ЗАЖИМ
No. 4

EZI-FLOW™ CSV4 ДИЗАЙН

Различия в дизайне - Вид сверху



ПЛАСТИКОВАЯ КАССЕТА
ОСНОВАНИЕ ИЗ 316L



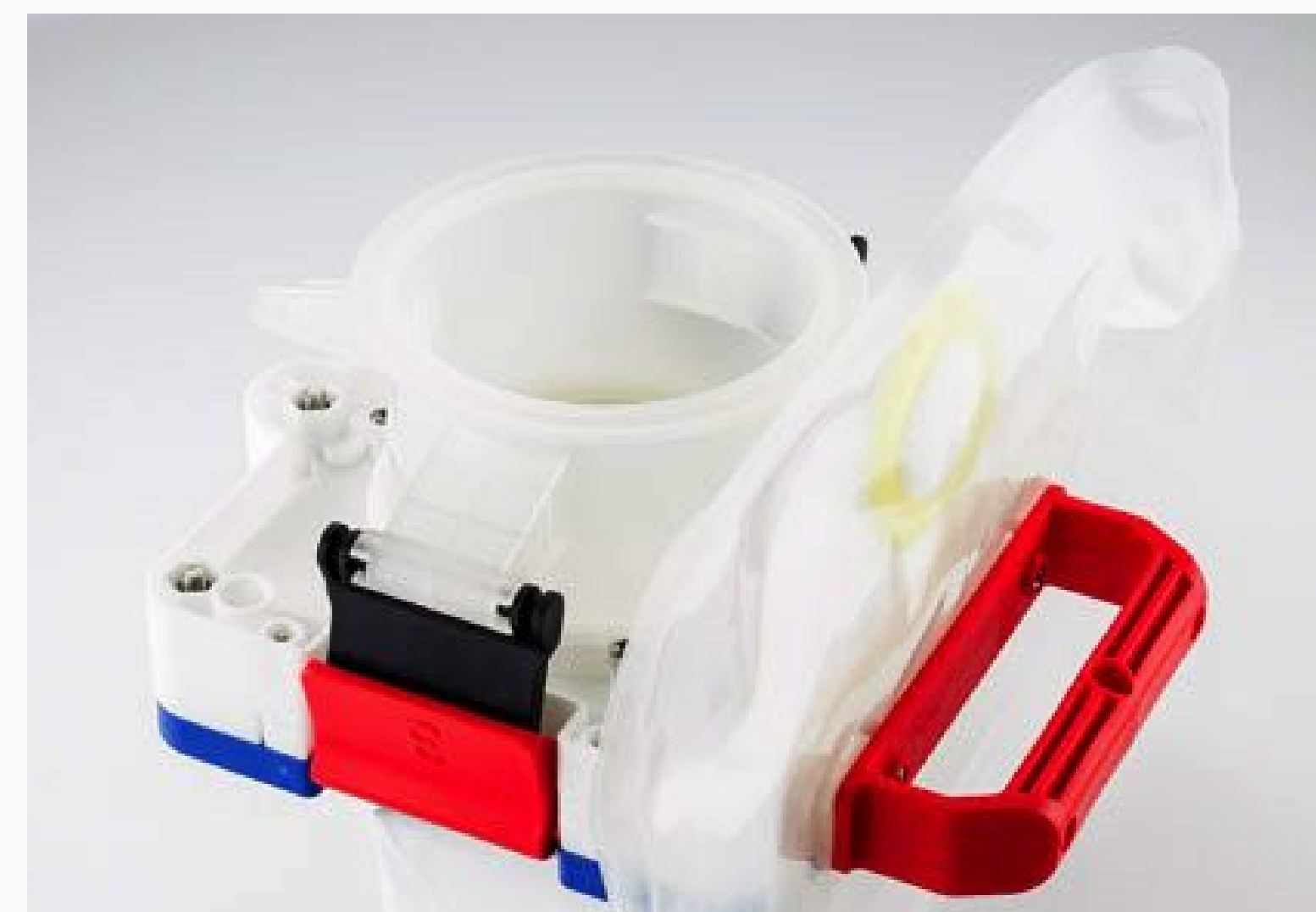
ПЛАСТИКОВАЯ КАССЕТА
ВСЕ ИЗ ПЛАСТИКА

EZI-FLOW™ CSV4 ДИЗАЙН

различия в дизайне - Вид снизу



ПЛАСТИКОВАЯ КАССЕТА
ОСНОВАНИЕ ИЗ 316L



ПЛАСТИКОВАЯ КАССЕТА
ВСЕ ИЗ ПЛАСТИКА

EZI-FLOW™ CSV4 ДИЗАЙН

Преимущества

FULL BORE

Fast, Full-Bore Discharge, available in 4" & 6" size

OEB 5

High Containment Performance $<1\mu\text{g}/\text{m}^3$

AFFORDABLE

Fully Disposable Chargebag & Passive Connection

FAST DELIVERY

In Stock Items



MULTI-USE AND SINGLE USE

Edelstahl 316L, optional in Hastelloy

ATEX

Zone 0/2

SAFE & EFFECTIVE

Simple to use and light weight

GMP & FDA

Fully conform to GMP and FDA requirements

EZI-FLOW™ CSV4 ВИДЕО - ЗАГРУЗКА



EZI-FLOW™ CSV4 ЗАГРУЗКА

Метод работы



EZI-FLOW™ CSV4 ЗАГРУЗКА

Метод работы



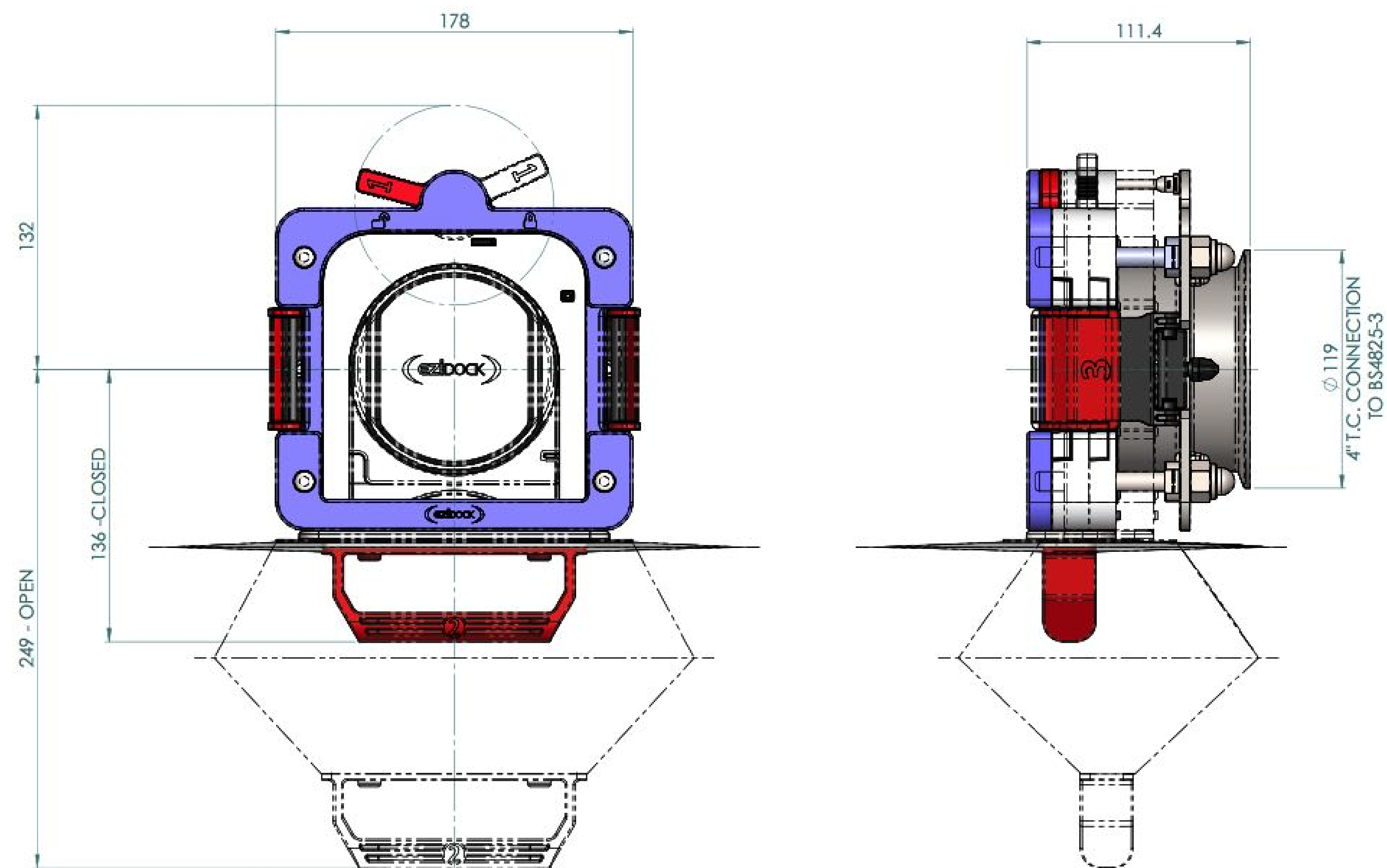
EZI-FLOW™ CSV4 ЗАЖИМЫ

Метод работы



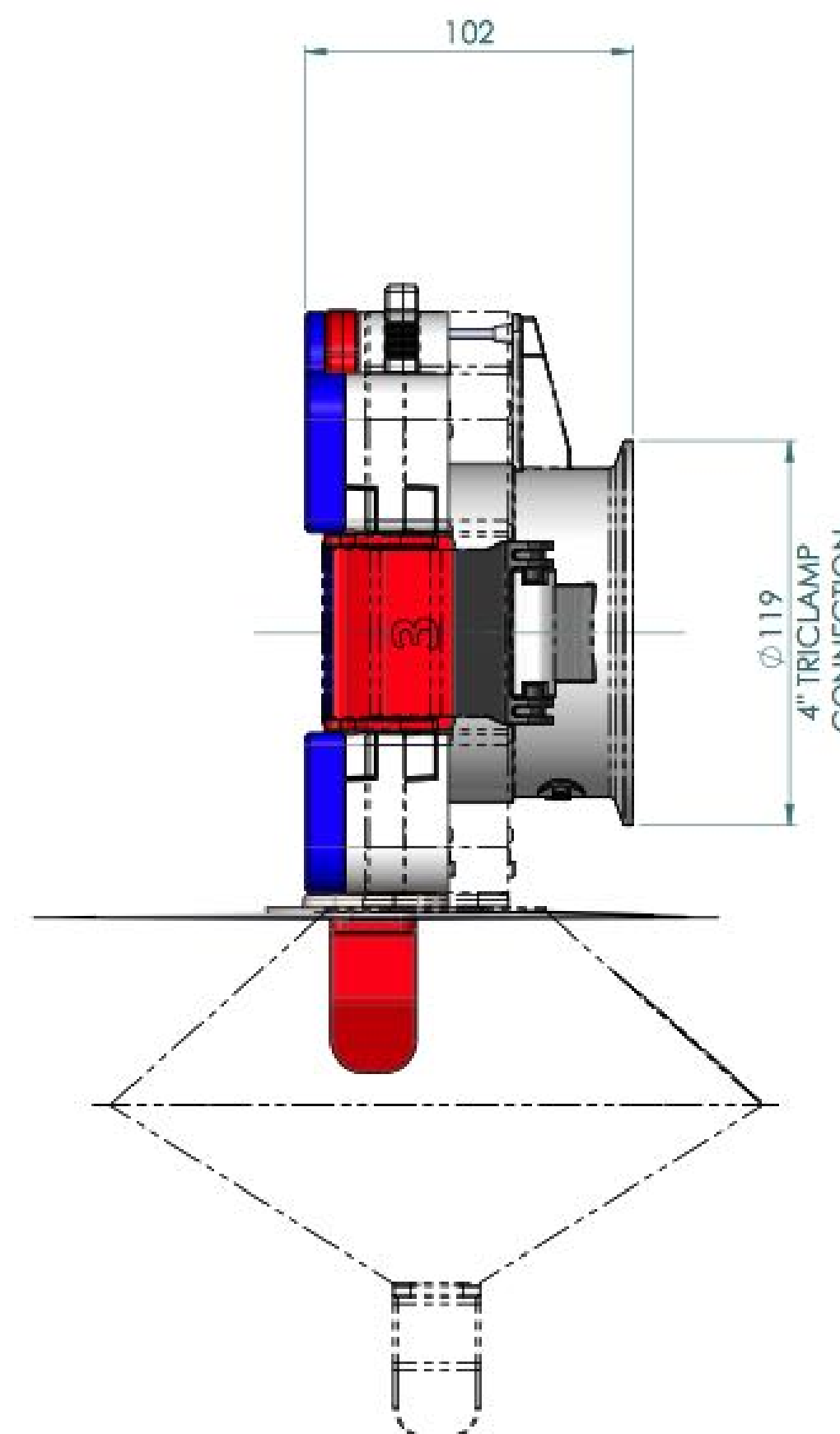
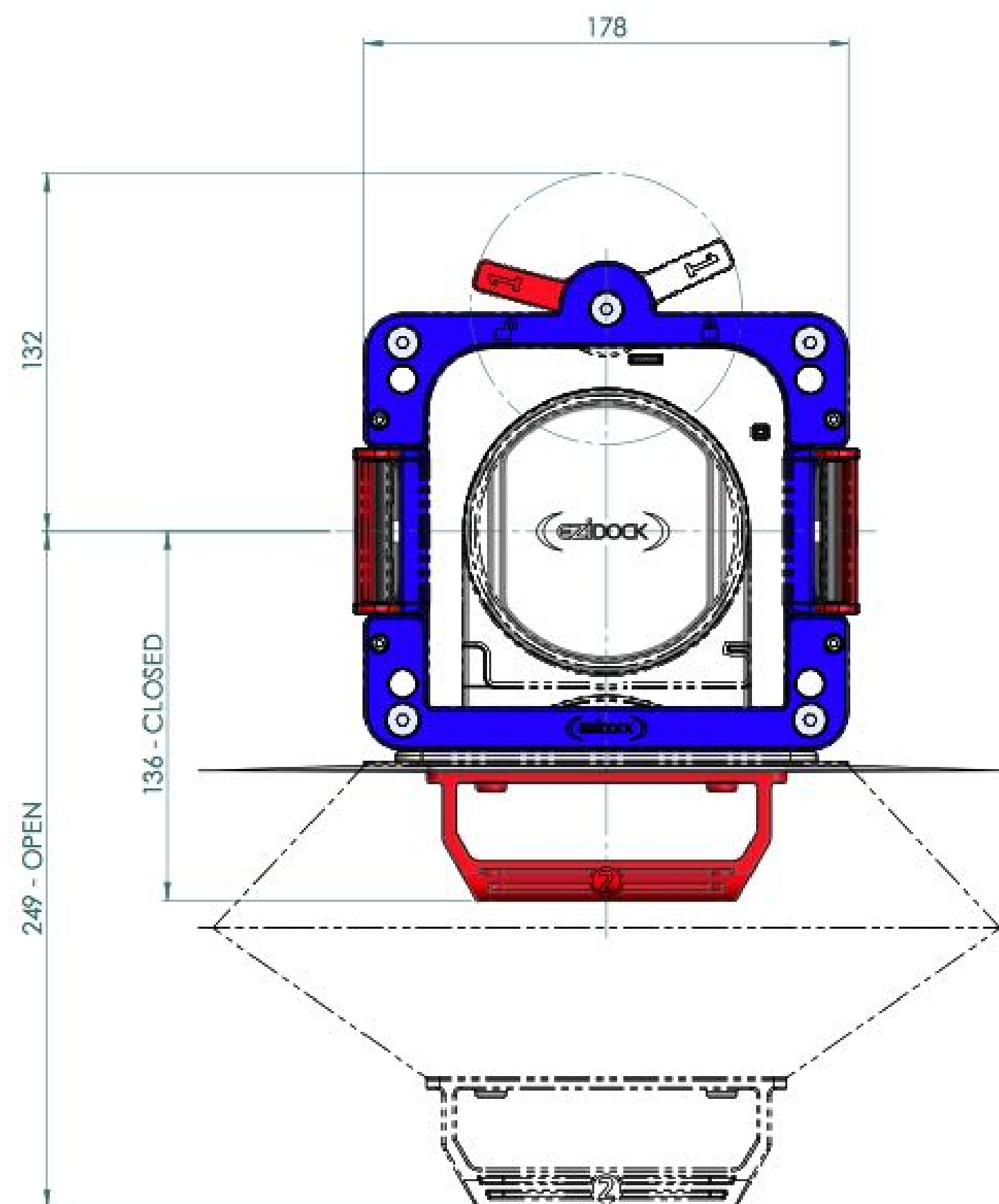
EZI-FLOW™ CSV4 РАЗМЕРЫ

CSV 4" 316L Основание



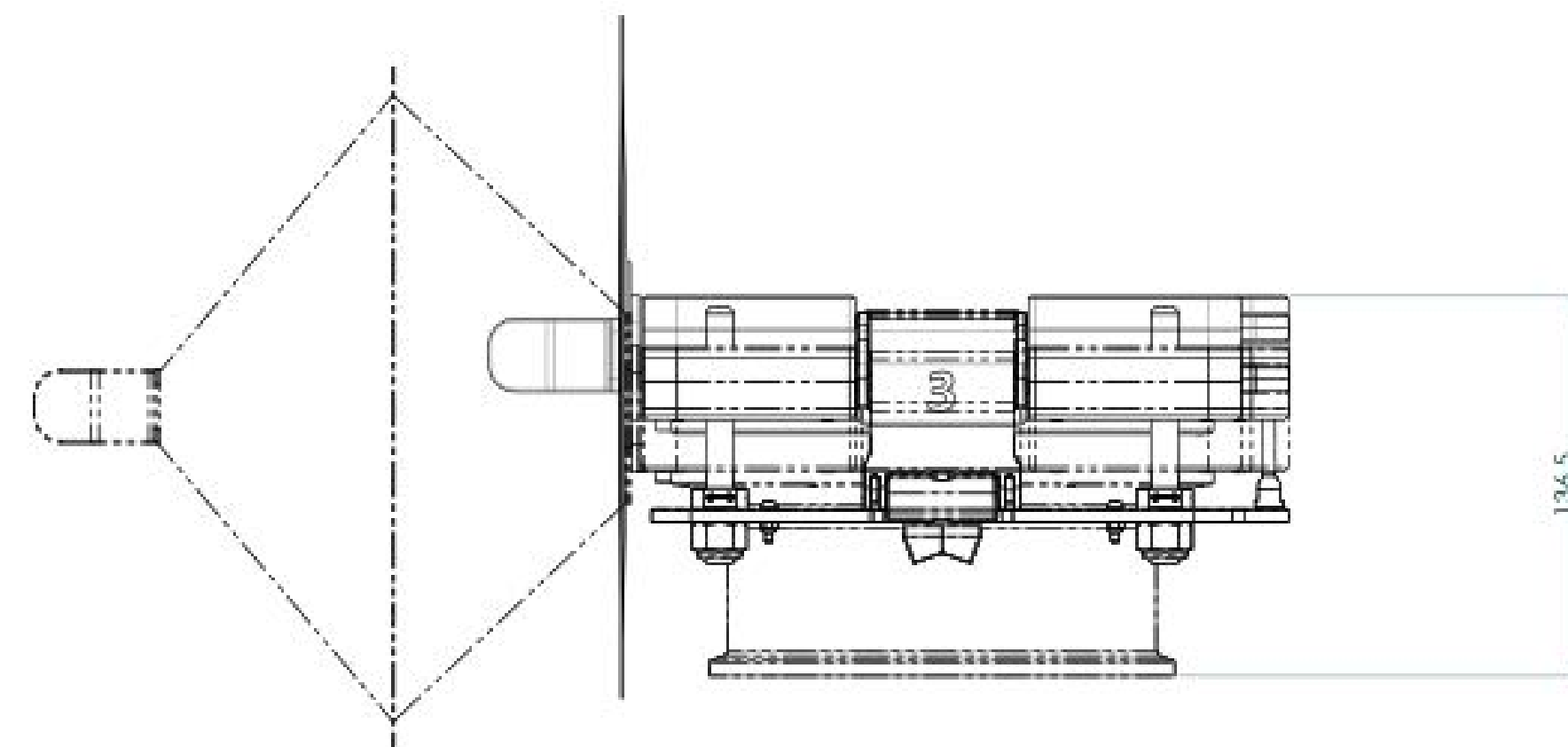
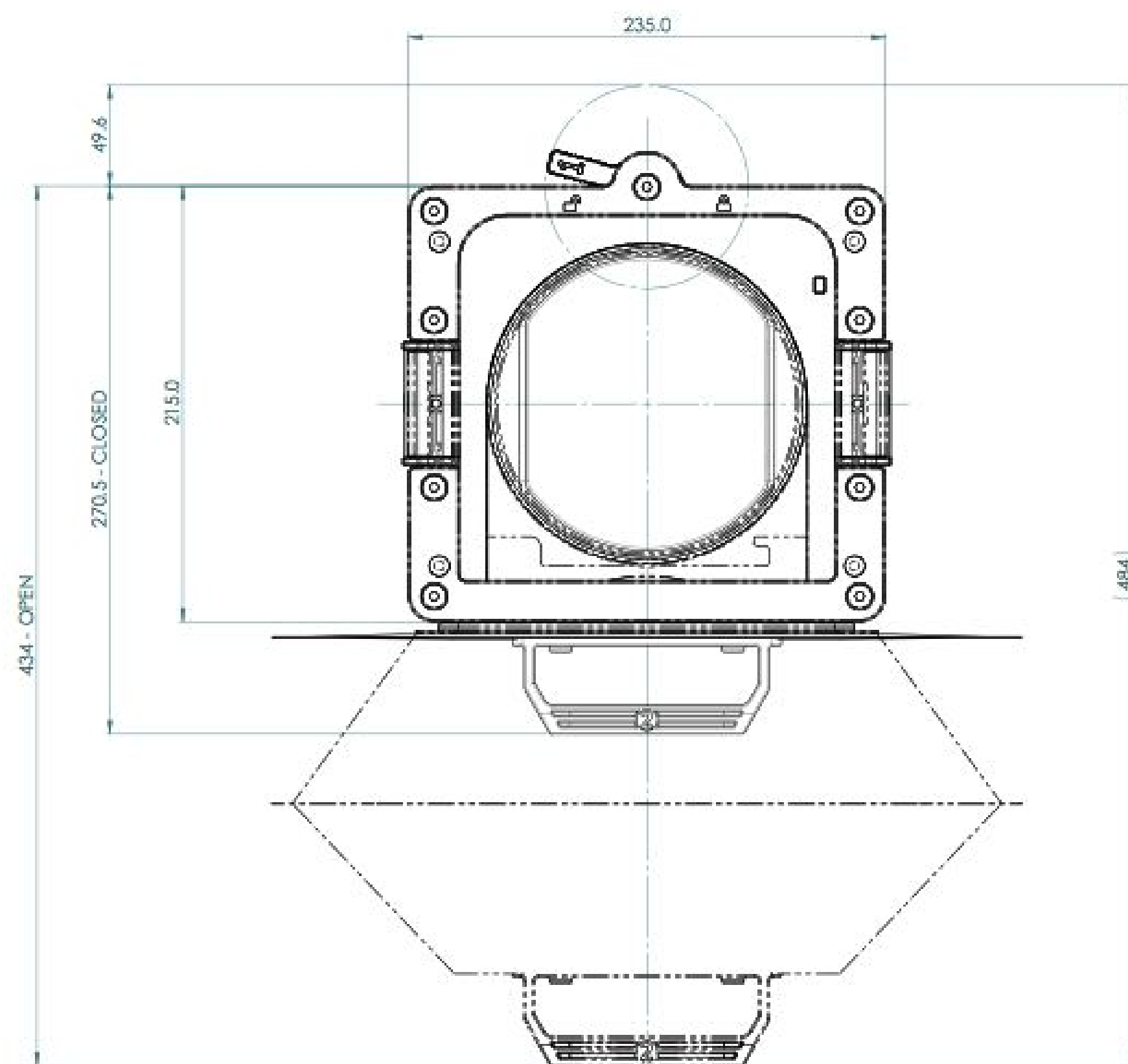
EZI-FLOW™ CSV4 РАЗМЕРЫ

CSV 4" Пластик



EZI-FLOW™ CSV6 РАЗМЕРЫ

CSV 6" 316 L

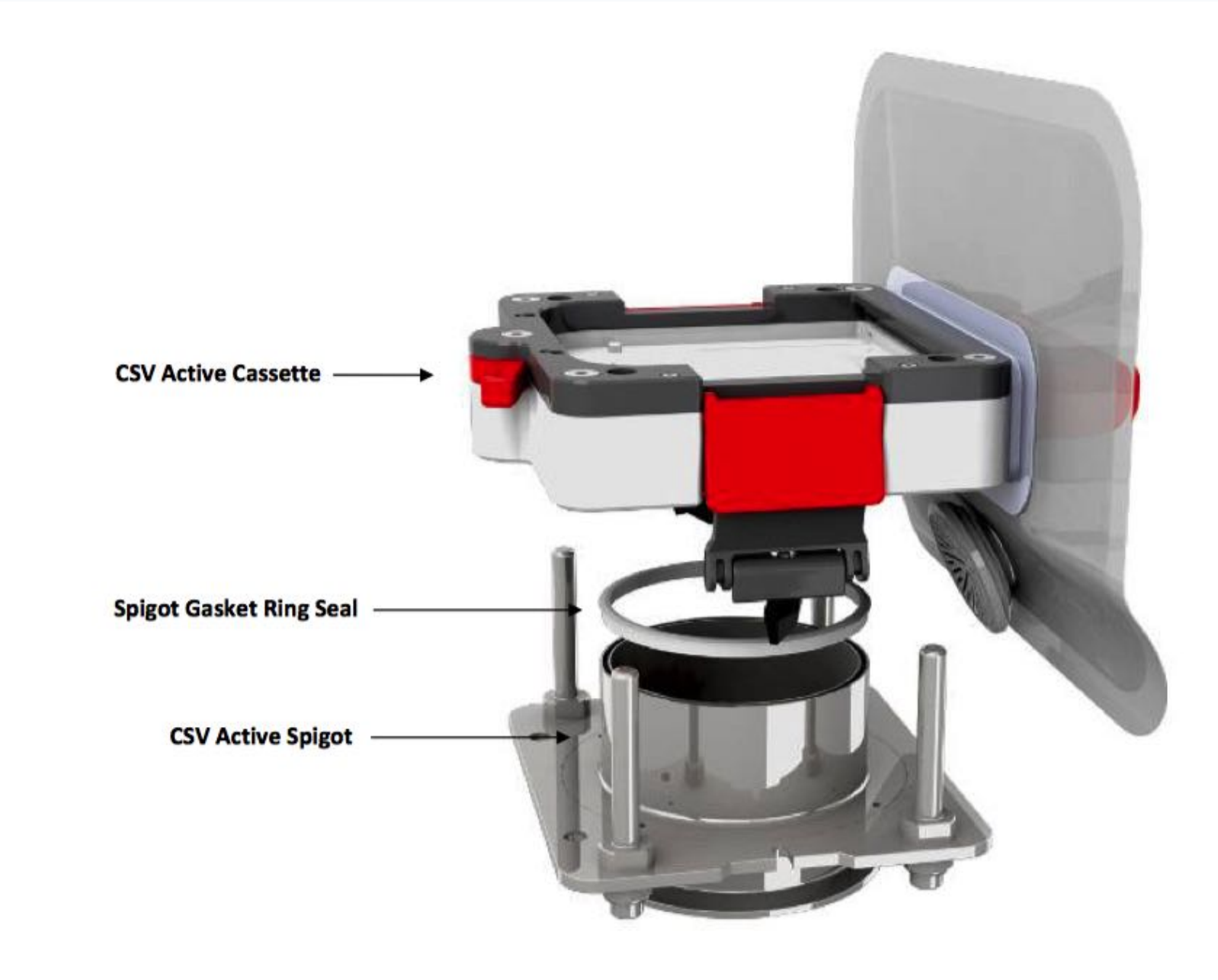


МАТЕРИАЛЫ & ПОЛИРОВКА

CSV4 MK4 - Материалы, контактирующие с продуктом

CSV Active Cassette	FDA Compliant Acetal (Moulded)
Spigot Gasket Seal	FDA Compliant EPDM (White)
CSV Avtive Spigot	316 L Stainless Steel
Bellows & Bellows Plate	Polyurethan

Finish of Contact Parts	0.4µm/Ra (316L Stainless Steel) - Passivated & Electro-Polished
Non-contact Parts	316L Stainless Steel, 304 Stainless Steel (Nyloc Nuts), Nylon & EPDM
Finish of Non-Contact Parts	0.8 – 1.2µm/Ra (316L Stainless Steel & Acetal)



CHARGEVAG КОМПЛЕКТАЦИЯ



CHARGEBAG СПЕЦИФИКАЦИЯ

Фармпакеты Chargebags - высокое качество



- ◆ <USP87> + <USP661> Compliant LDPE with Permanent Non Migrating Anti-Static Additive Powder
- ◆ 2 Ply, 80 micron Construction
- ◆ 2/4/6/inch Tri-Clamp Ferrule - BS4825-3
- ◆ Individual Bag Label Showing Batch & Bag Number
- ◆ Optional Gamma Sterilised
- ◆ Comprehensive Range of Gaskets/Clamps available



One of the many unique features of the Ezi-Dock Chargebag is the 2 ply body design.

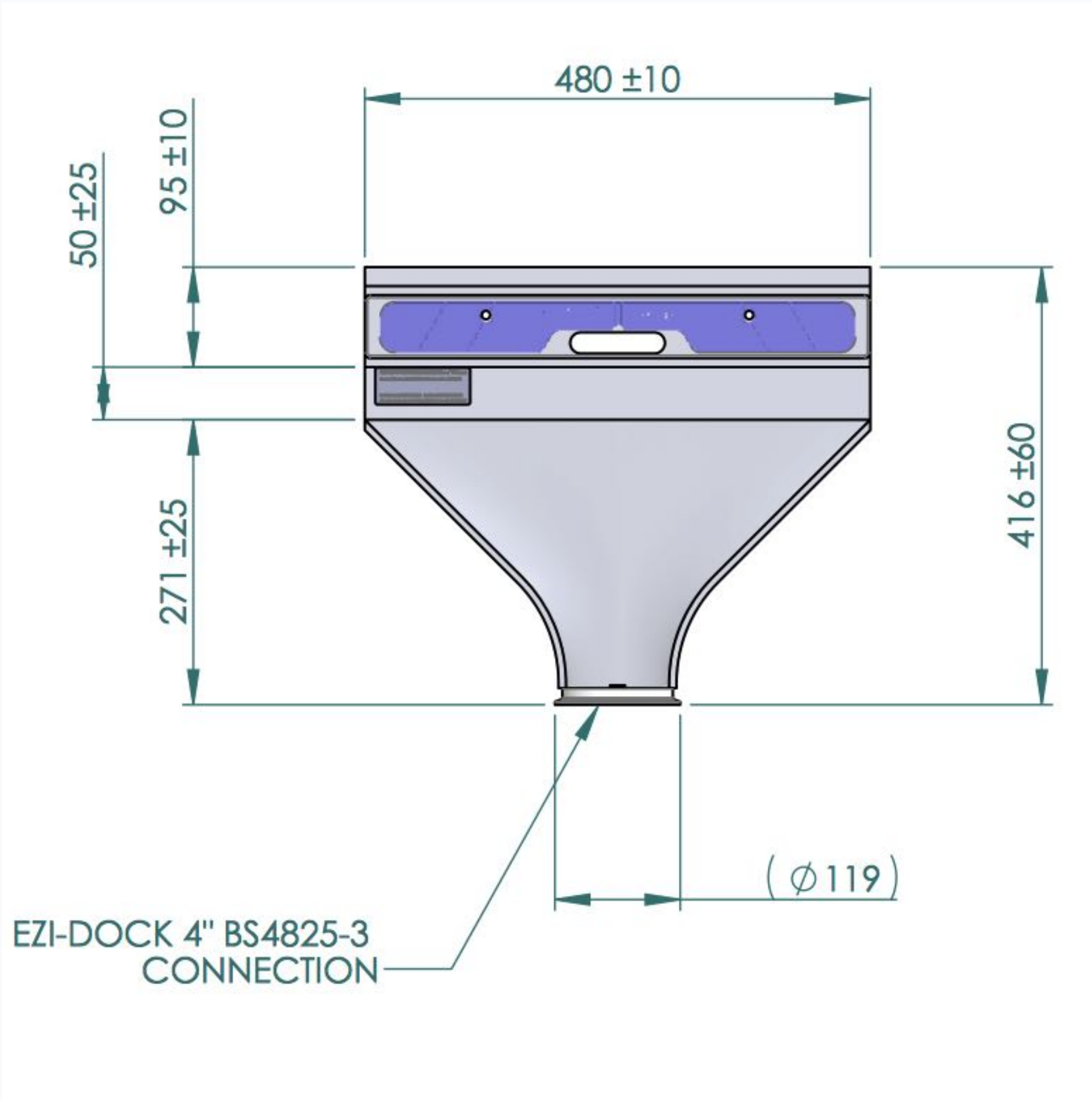
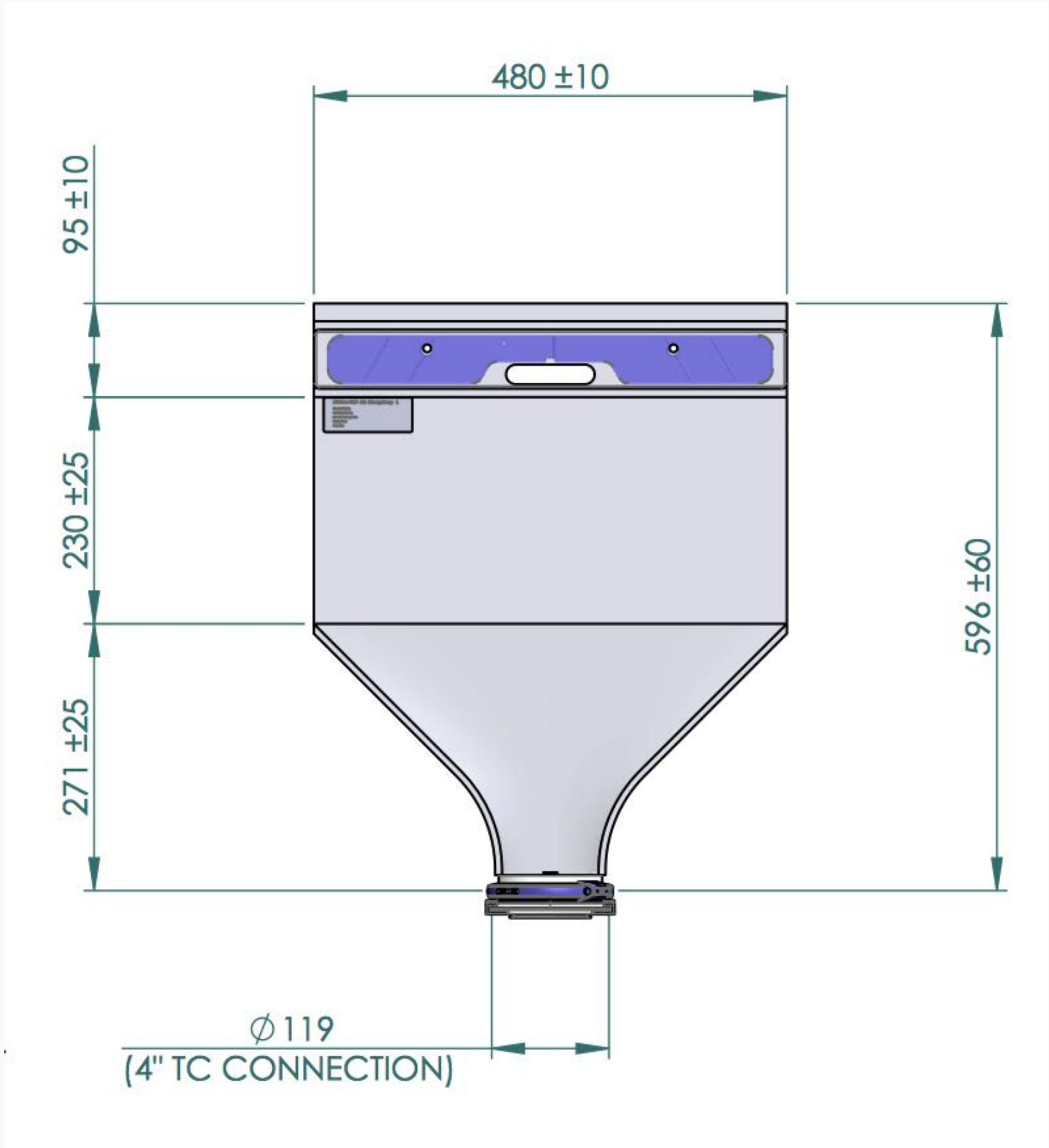
The 2 ply design not only adds much needed strength to the Chargebag, when connected to heavy “Passives” but also adds a further layer of protection against the risk of pinholing.



- ◆ All Ezi-Dock Chargebags are 100% examined for visible contaminants
- ◆ Ezi-Dock Chargebags are pressure rated to 200mb - 1 in 100 is tested to destruction.
- ◆ max. recommended loading of 15kgs
- ◆ max. recommended operating temp. is 70°C
- ◆ min. recommended operating temp. is 5°C
- ◆ 15kg Loading Capacity

CHARGEBAG РАЗМЕРЫ

Typical 25 lt & 5 lt

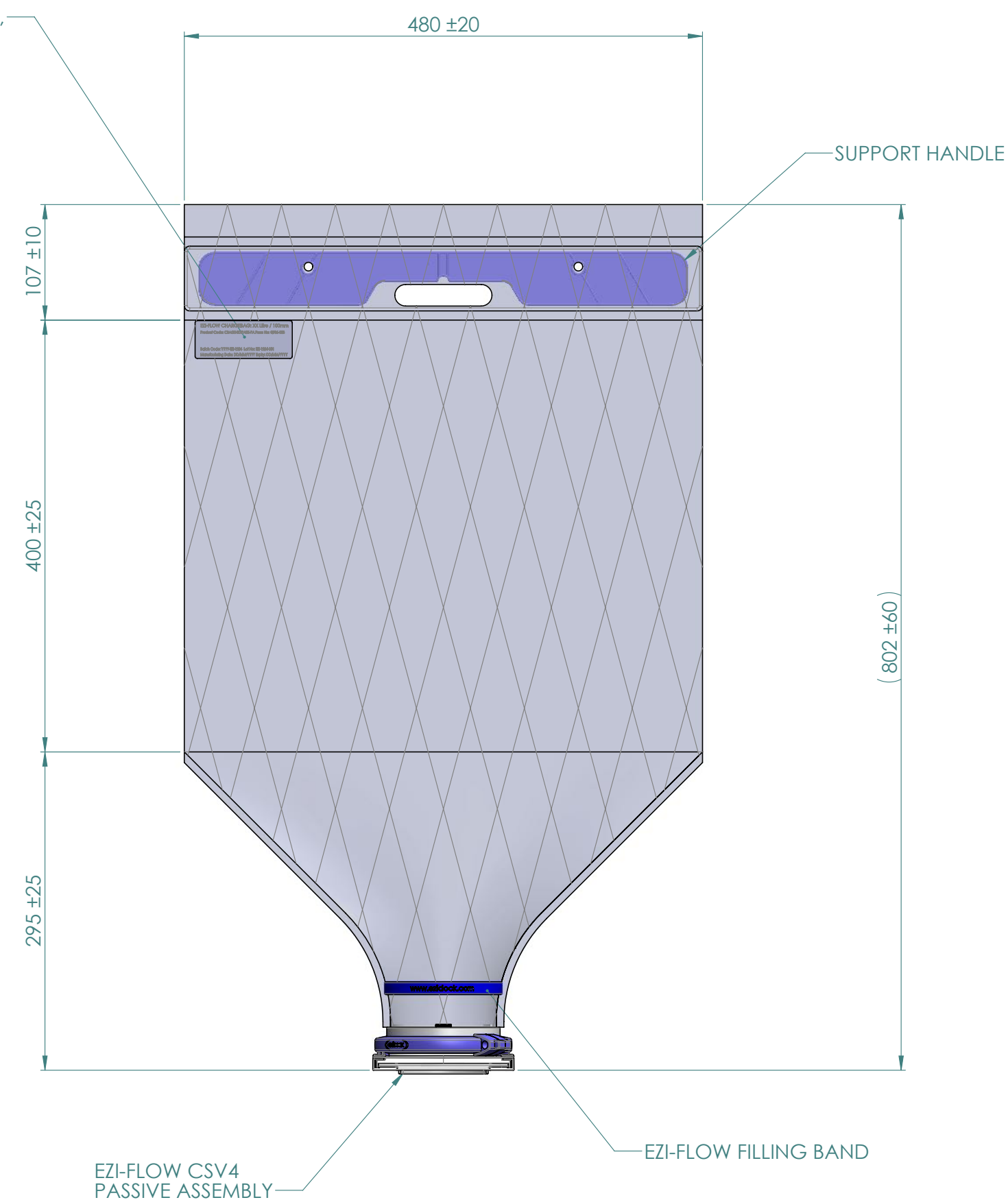


CHARGEBAG РАЗМЕРЫ

Conductive Grid film & Double Passive Chargebag

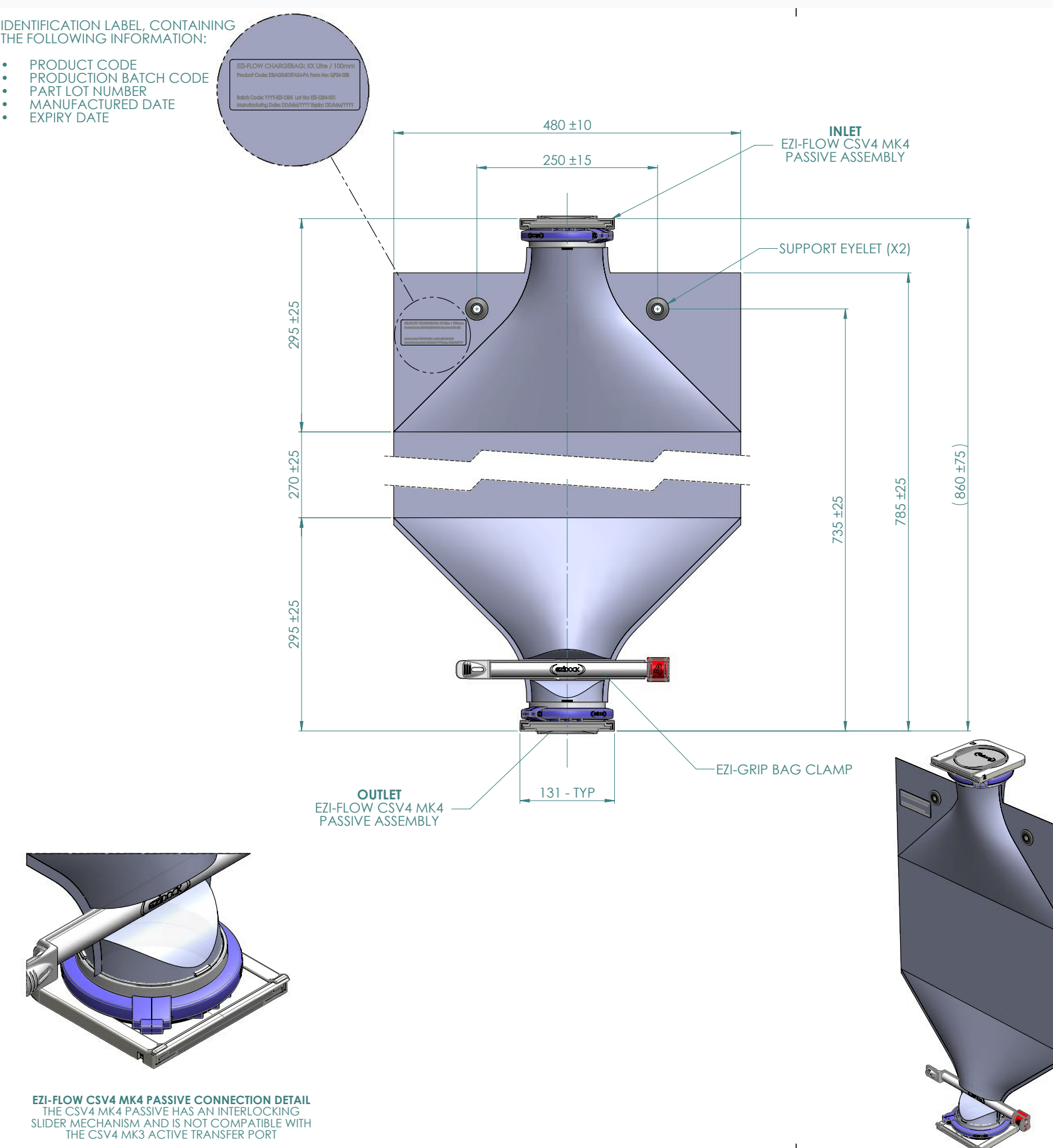
TRANSPARENT IDENTIFICATION LABEL,
CONTAINING THE FOLLOWING
INFORMATION:

- PRODUCT CODE
- PRODUCTION BATCH CODE
- PART LOT NUMBER
- MANUFACTURED DATE
- EXPIRY DATE



IDENTIFICATION LABEL, CONTAINING
THE FOLLOWING INFORMATION:

- PRODUCT CODE
- PRODUCTION BATCH CODE
- PART LOT NUMBER
- MANUFACTURED DATE
- EXPIRY DATE



МАТЕРИАЛЫ & ПОЛИРОВКА

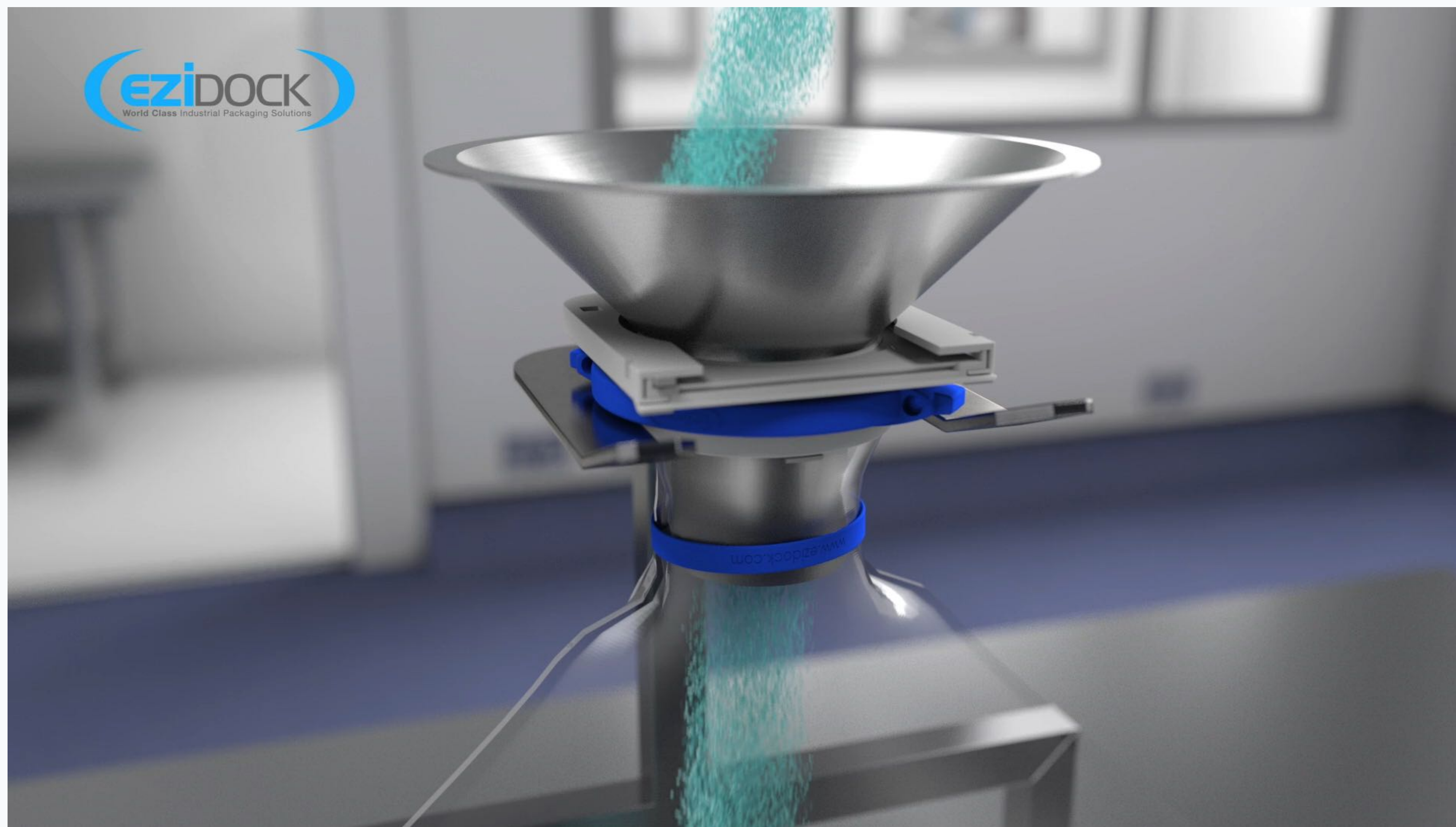
CSV4 **Anti-Static Chargebag** - Material in Contact with Product

CSV Passive Body	FDA Compliant ABS
CSV Slider	FDA Compliant Polypropylene
15 Lt Chargebag	FDA Compliant LDPE with Anti-Static Additive

CSV4 Chargebag Assembly	Passive Body – ABS Passive Slider – Polypropylene 4inch Ezi-Dock Zip Clamp – 30% GF Nylon Tri-Clamp Gasket – EPDM Tri-Clamp Docking Ring – Polypropylene Chargebag Body – LDPE Chargebag Handle – Polypropylene
-------------------------	---



CHARGE BAG ВИДЕО - НАПОЛНЕНИЕ



CHARGEVAG НАПОЛНЕНИЕ

Метод работы



CHARGE BAG НАПОЛНЕНИЕ

Метод работы

● CLEAN AREA



CHARGEBAG МЕТОДЫ НАПОЛНЕНИЯ

Filling : from Hopper, Filling Table, Filling Cabinet, Tablet Station



CHARGEBAG МЕТОДЫ НАПОЛНЕНИЯ

Filling : from Isolator



“

IMPORTANT: A filling funnel must still be used to keep the neck of the filling bag clean during filling.

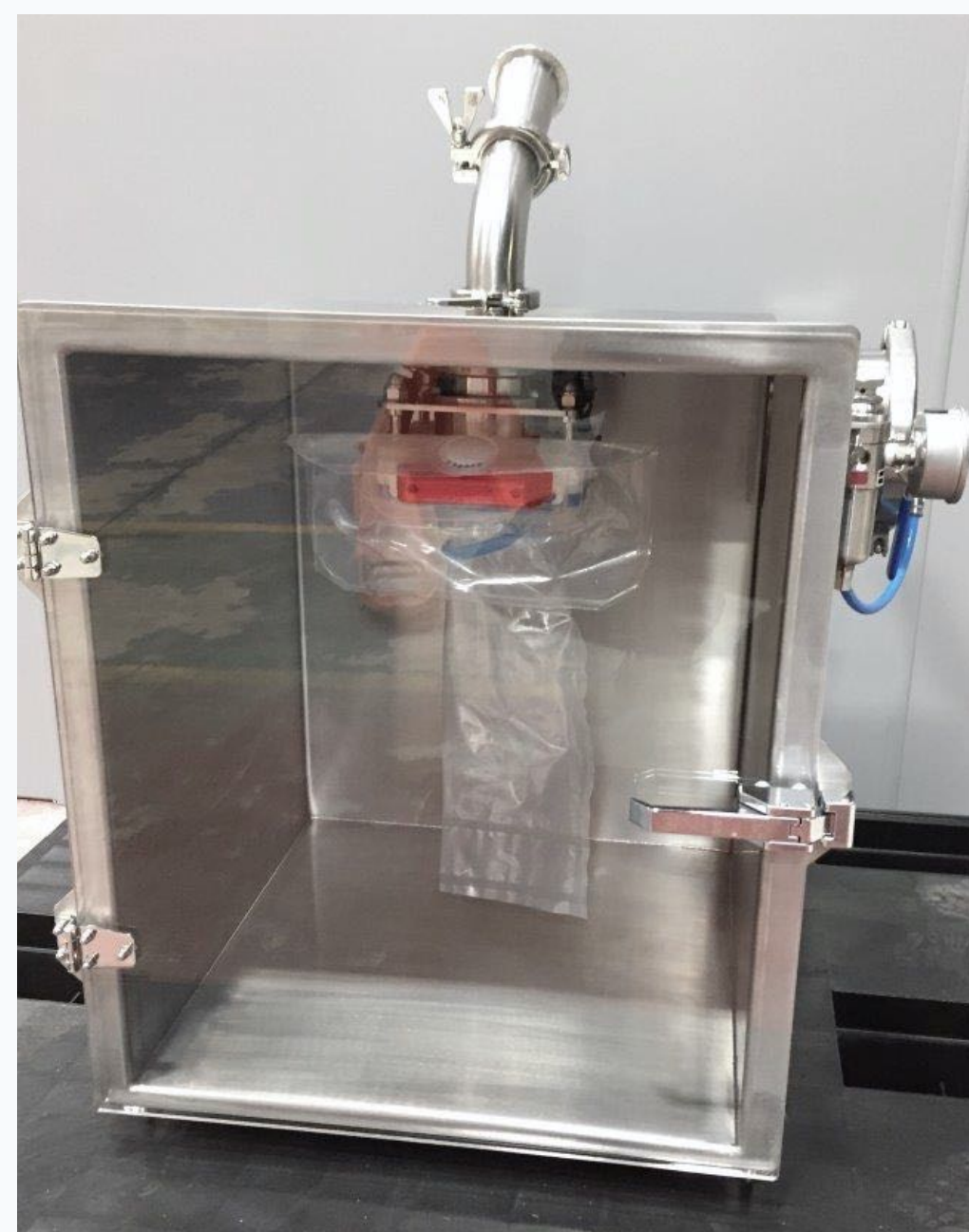
”

CHARGEVAG ВИДЕО - НАПОЛНЕНИЕ В ЛАМИНАРЕ

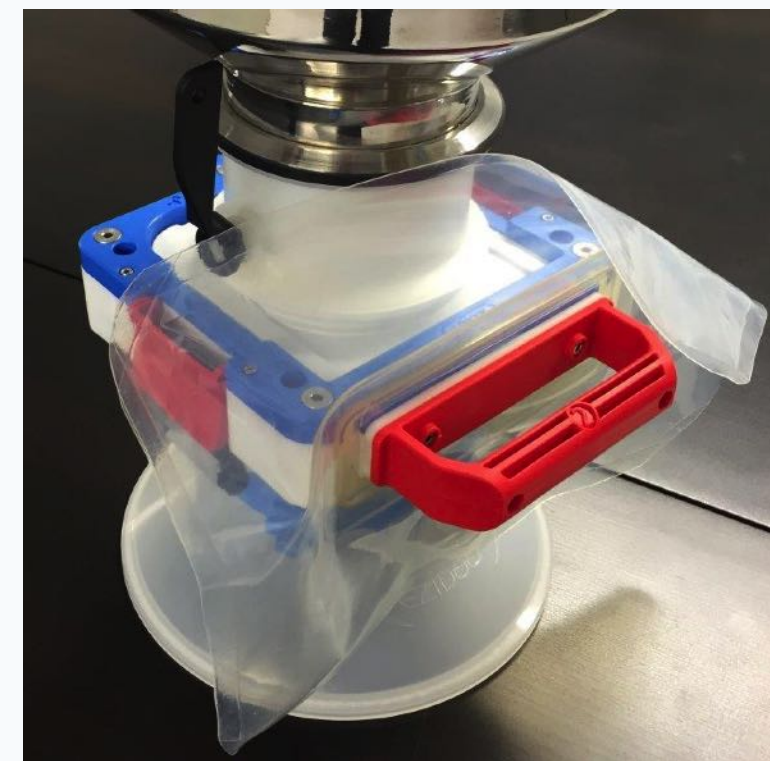


CHARGEBAG МЕТОДЫ НАПОЛНЕНИЯ

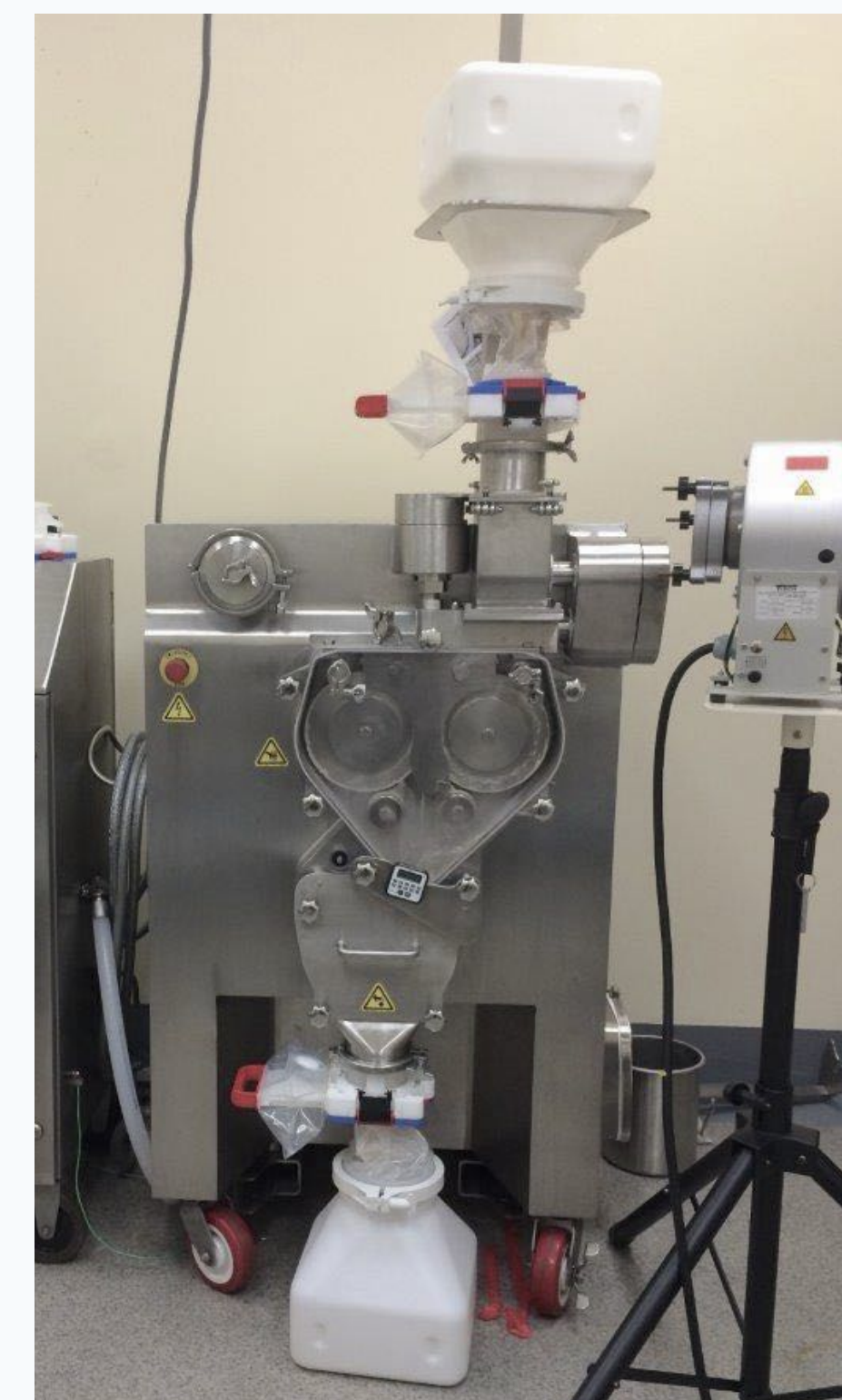
Filling : Vacuum Cabinet



EZI-FLOW™ CSV MISC. APPLICATIONS

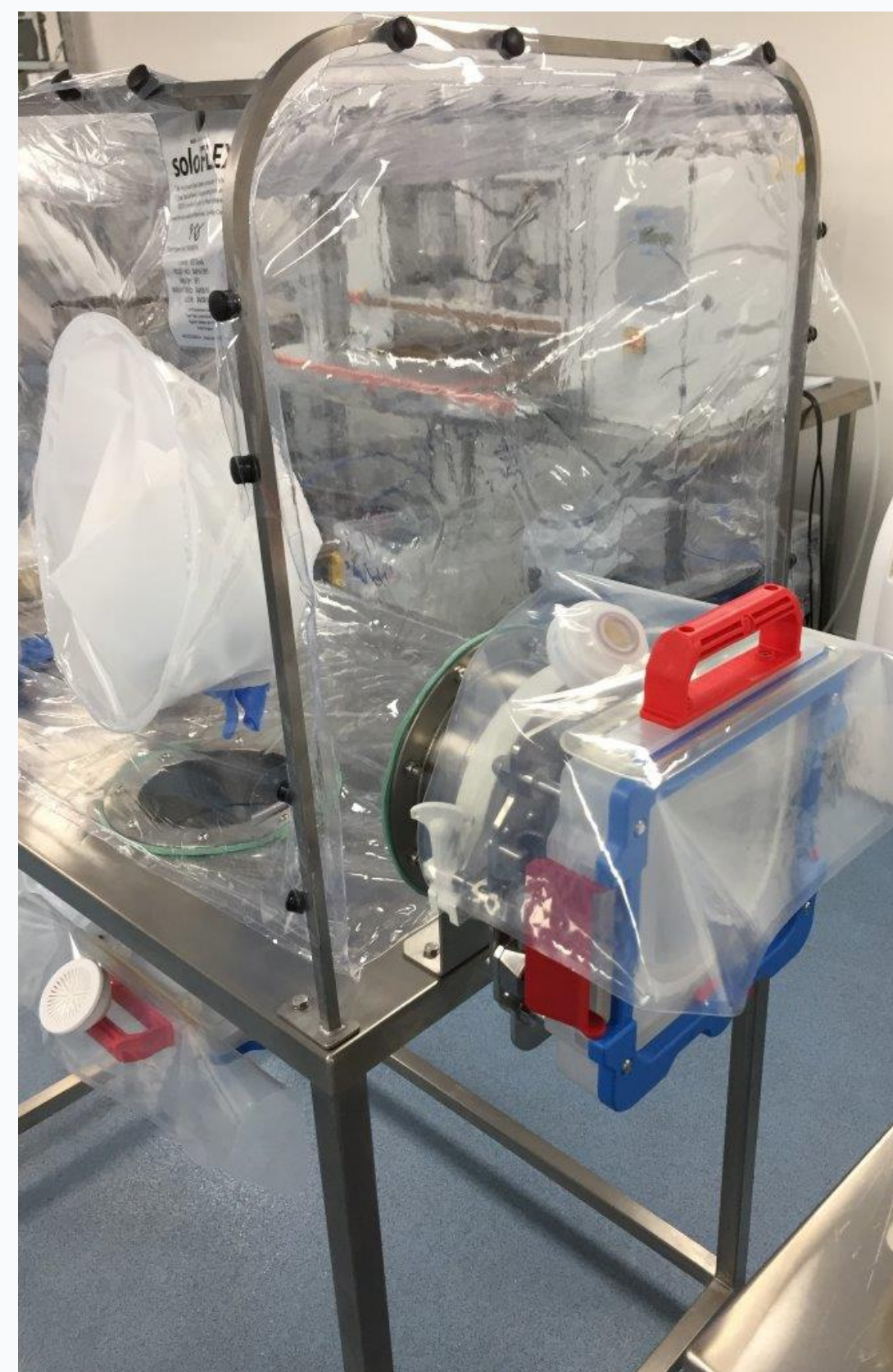
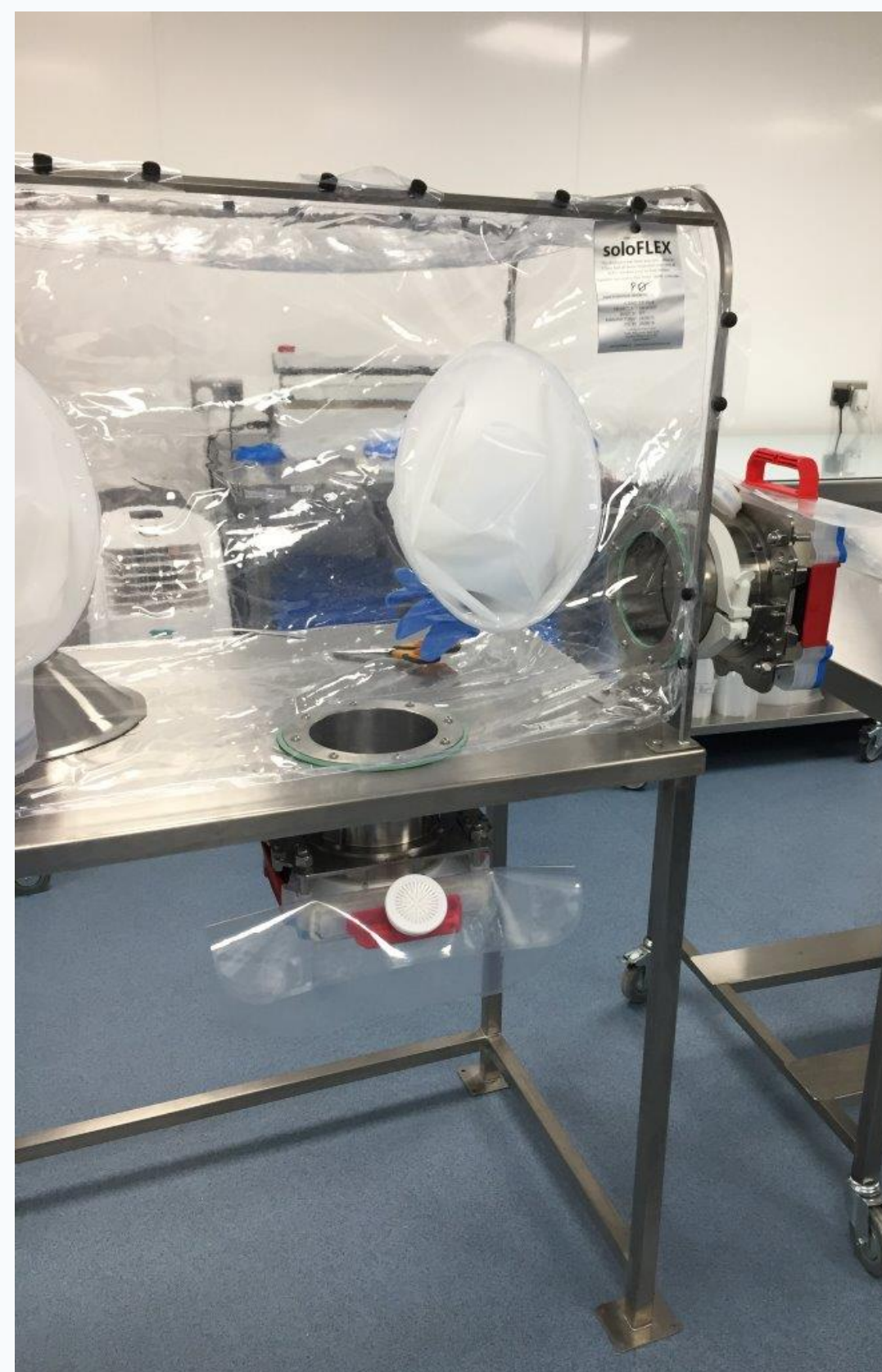


EZI-FLOW™ CSV MISC. APPLICATIONS



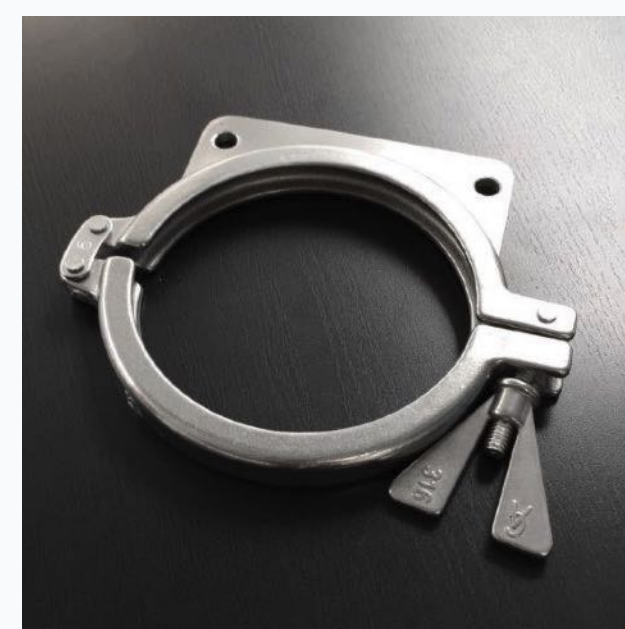
EZI-FLOW™ CSV MISC. APPLICATIONS

CSV6 used as an RTP Port

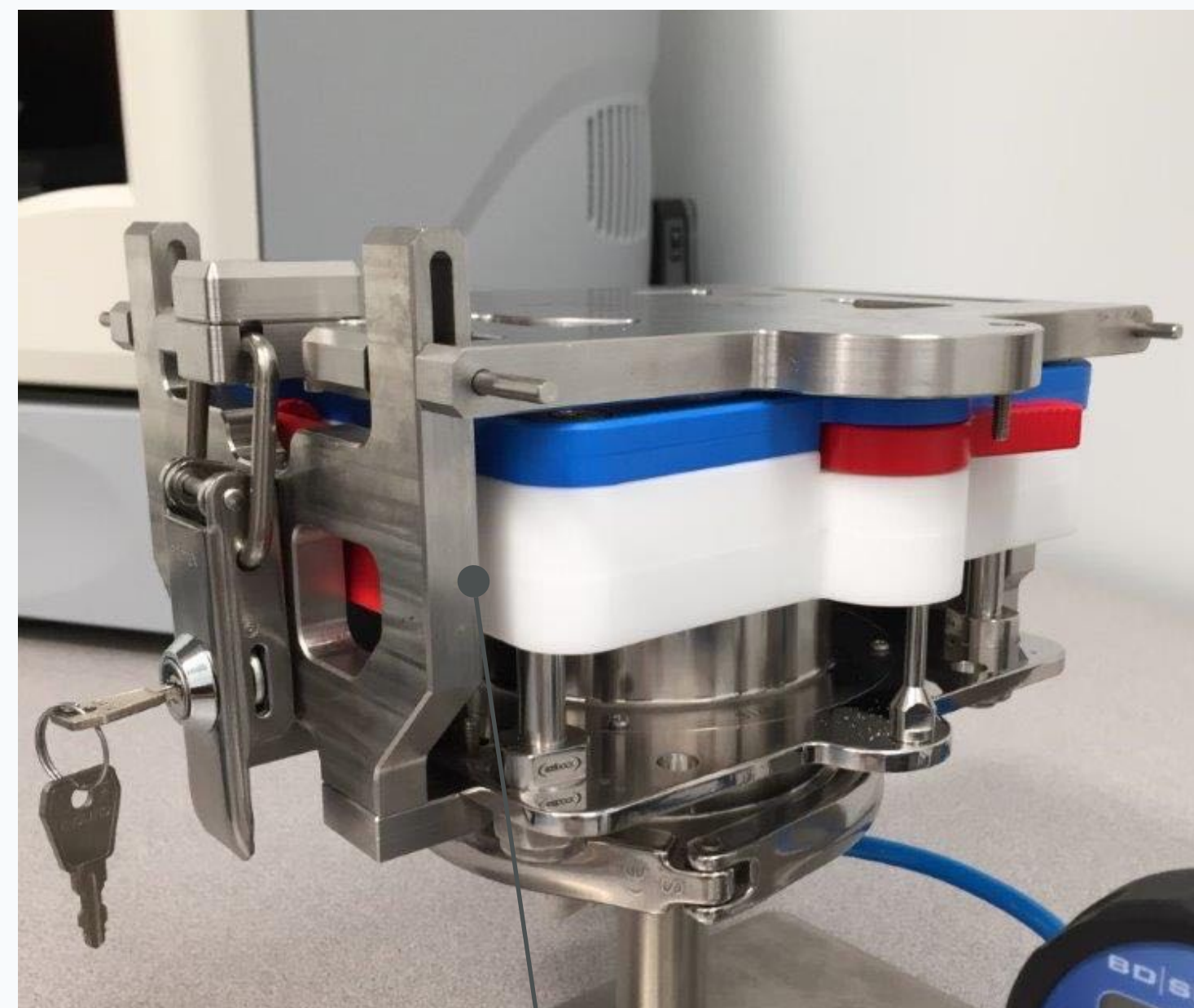


EZI-FLOW™ CSV ACCESSORIES

Supports for Chargebags and Chargebottles



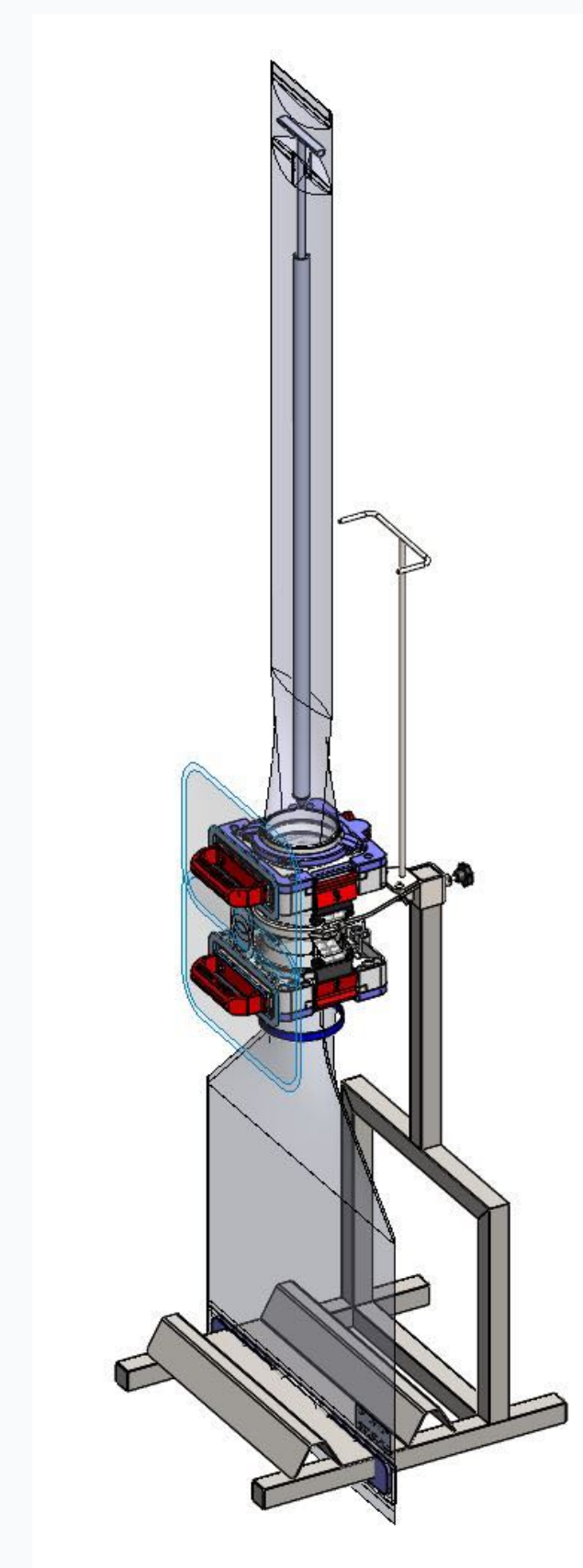
EZI-FLOW™ CSV ACCESSORIES

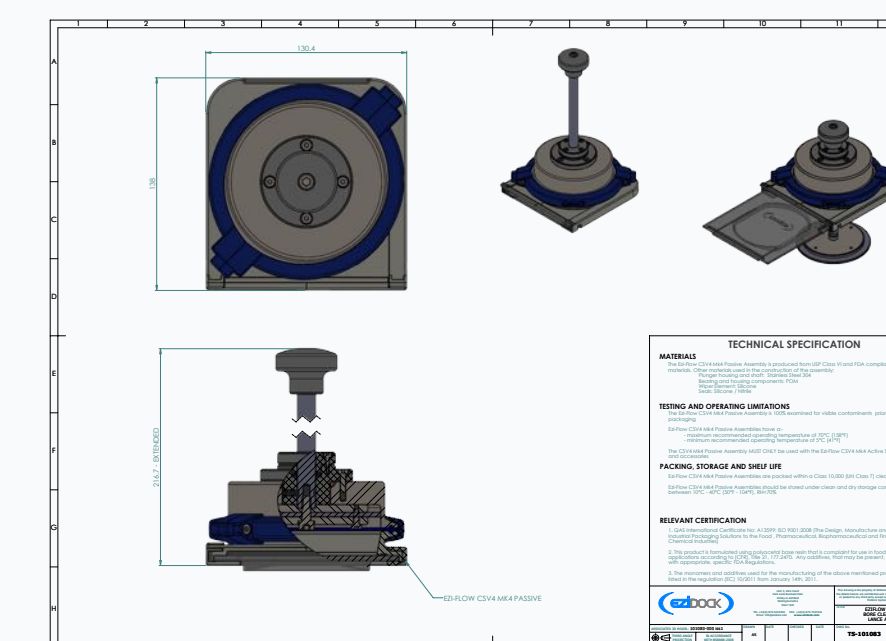


“PRESSURE CLAMP” UP TO 0.5 BAR. CAN BE UTILIZED DURING TUMBLE BLENDING

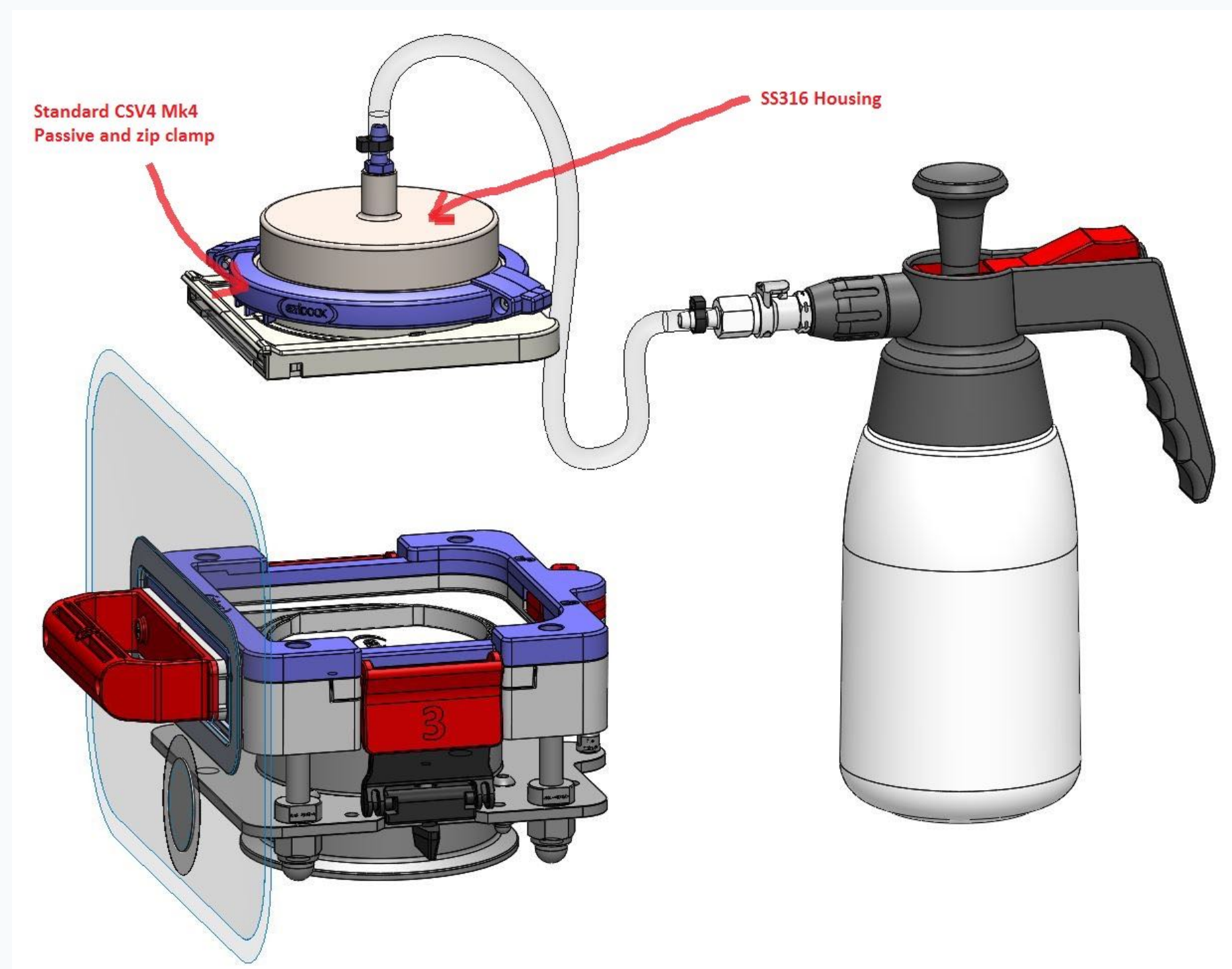


EZI-FLOW™ CSV SAMPLING

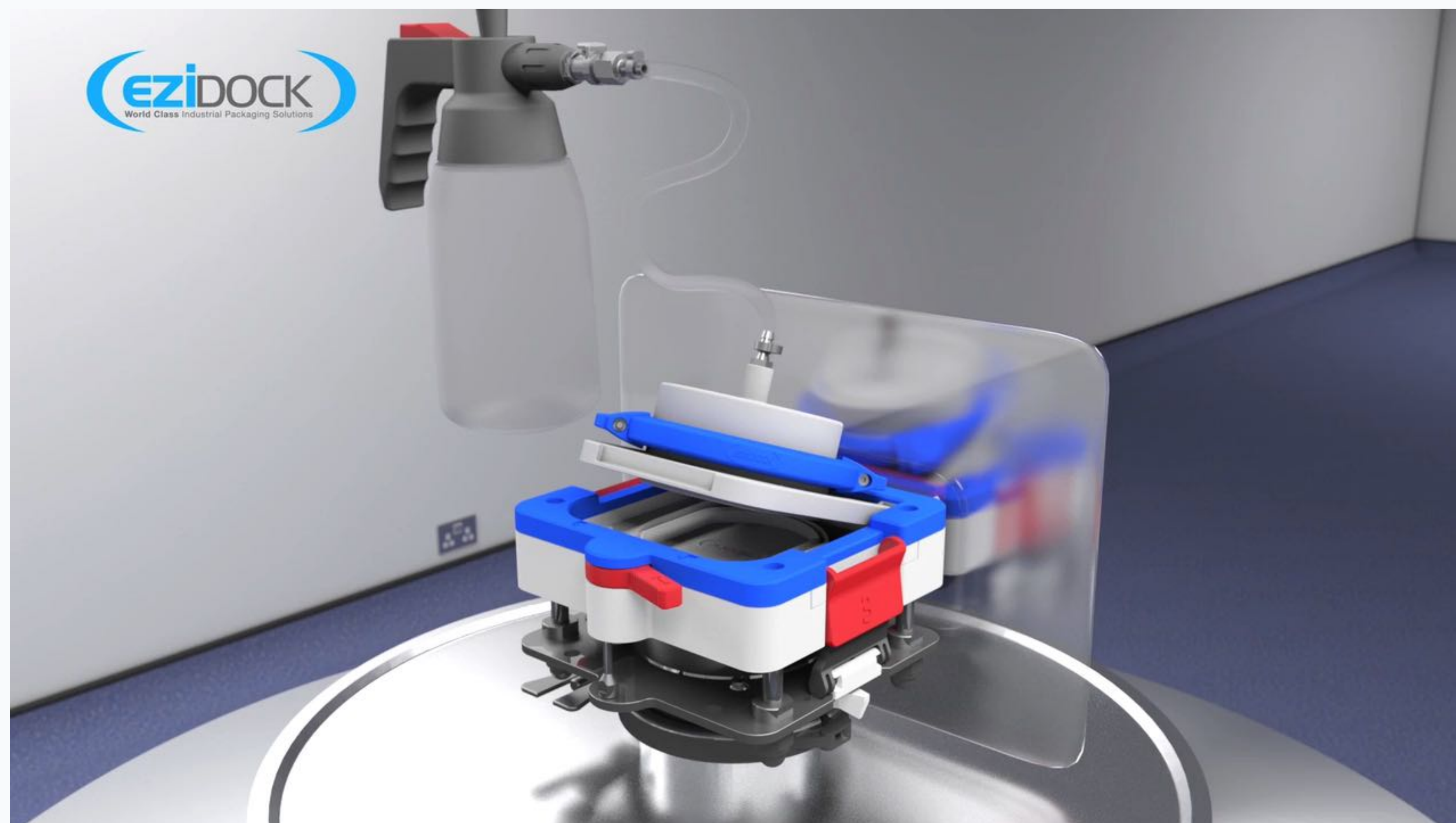




EZI-FLOW™ CSV DAMP DOWN



EZI-FLOW™ CSV VIDEO - SAFE CHANGE



CHARGEBAG CUSTOMIZED SOLUTIONS

Many Different Designs possible

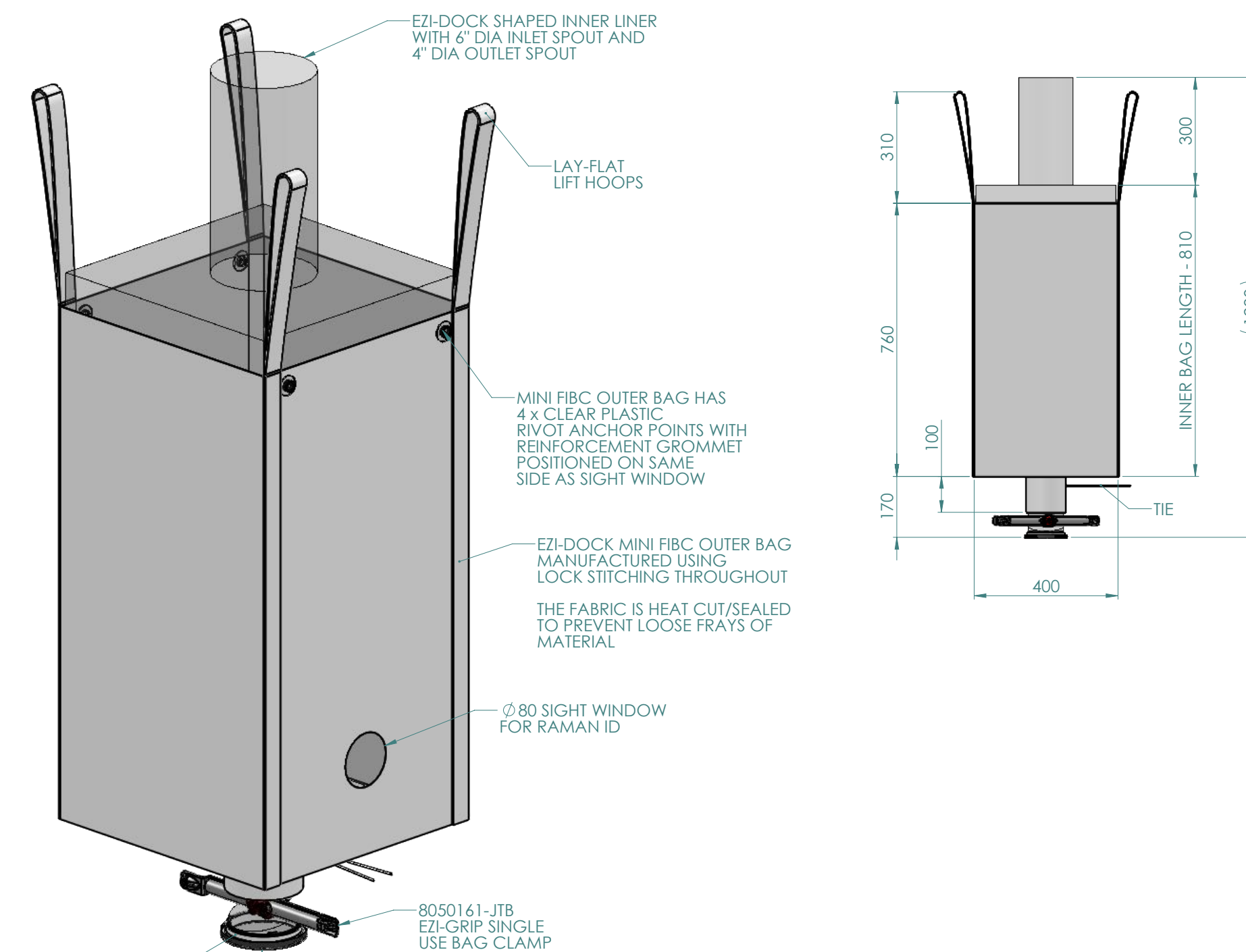
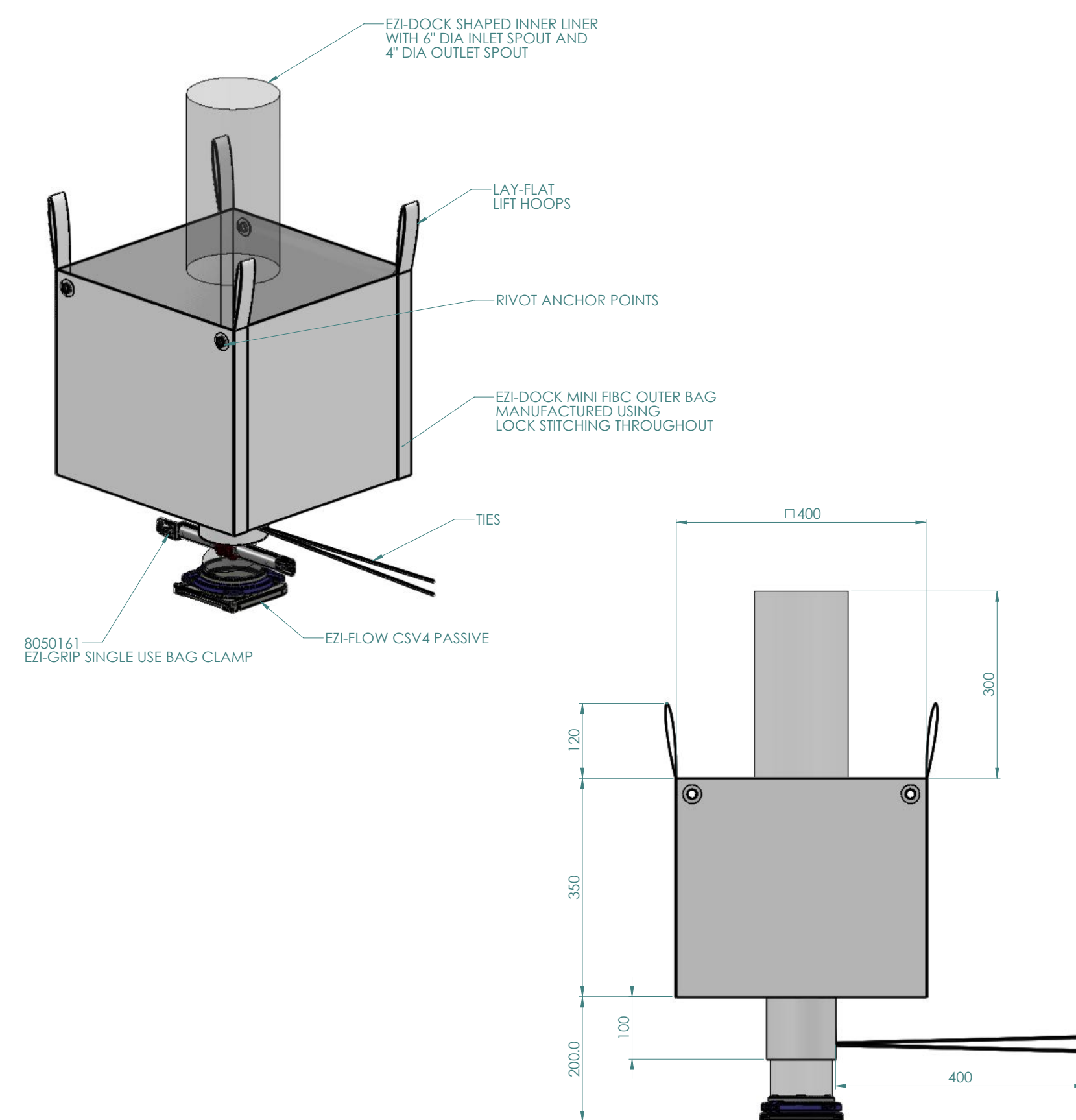


MINI-FIBC CUSTOMIZED SOLUTIONS



MINI-FIBC DIMENSIONS

50 Litre Mini-FIBC & 120 Litre Mini-FIBC



Ezi-Dock Mini FIBC Outer Bags are manufactured from 120 gr/m² Woven 20GSM PP Coated with 35mm PP Monofilament Lay Flat Webbing Loops.

Ezi-Dock Shaped Inner Liners are constructed from 2ply, 80µm (+20µm/-10µm) high performance LDPE film. The film (Ezi-Flex 80 LDPE) is manufactured using a Permanent Non Migrating Anti-Static Additive, specifically developed for use with Pharmaceutical & Healthcare Products

CHARGEBAG SECURE TRANSPORT SOLUTIONS



PHARMA PROCESS BOTTLE SPECIFICATION

High Quality Pharmaceutical Process Bottles



15, 25, 30 & 40 Litres

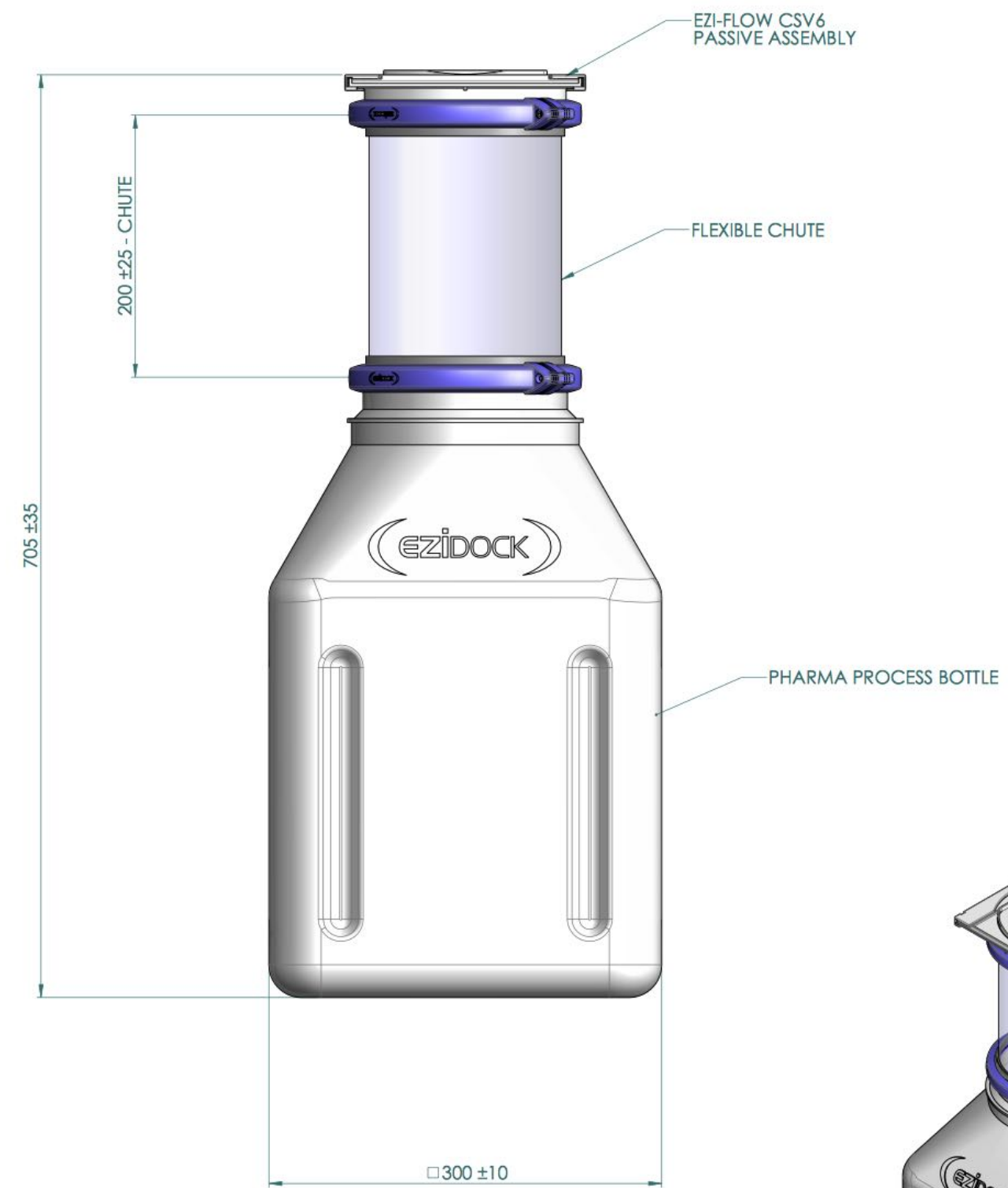


- ◆ Manufactured from a Pharma Grade HDPE and Blow Moulded with an USP Compliant Permanent Non-Migrating Anti-Static Additive
- ◆ 6inch Tri-Clamp Neck Design (BS4825-3); 6" to 4" Adaptors available
- ◆ Gamma Stable/Autoclavable
- ◆ HDPE Blanking Caps available
- ◆ Full Batch Traceability
- ◆ Comprehensive Range of Gaskets/Clamps available
- ◆ max. recommended operating temp. is 70°C
- ◆ min. recommended operating temp. is 5°C

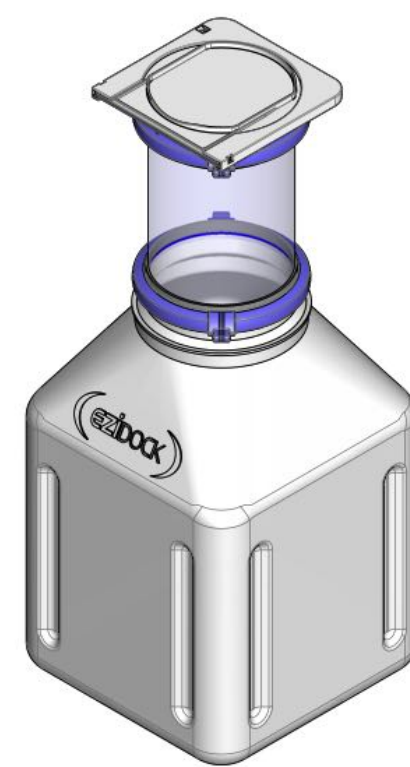
Specifically designed for the storage and transfer of API powders and granules, the Ezi-Dock Pharma Process Bottle is lightweight, easy to handle, highly stable & due to its compact square design is space efficient, saving both on storage & logistics costs.

PHARMA BOTTLE DIMENSIONS & ACCESSORIES

30L Pharma Process Bottle with flexible Adapter



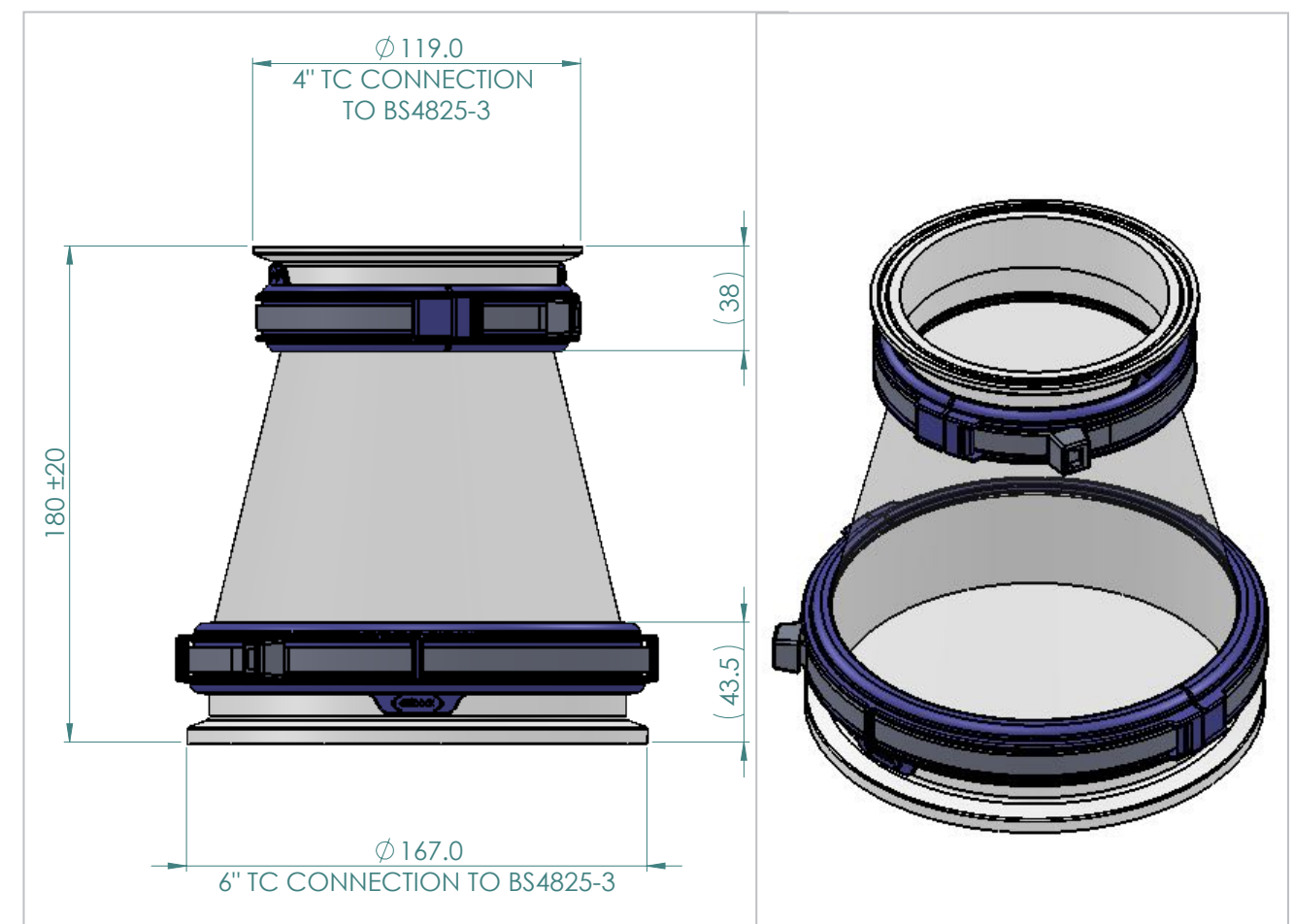
- NOTES:**
1. SUPPLIED WITH 1-OFF EZI-GRIP SINGLE USE BAG CLAMP
 2. SUPPLIED WITH 1-OFF "TEAR-OFF" SECURITY TIE
 3. NO CORREX PACKAGING PROTECTION REQUIRED



Support Clamp



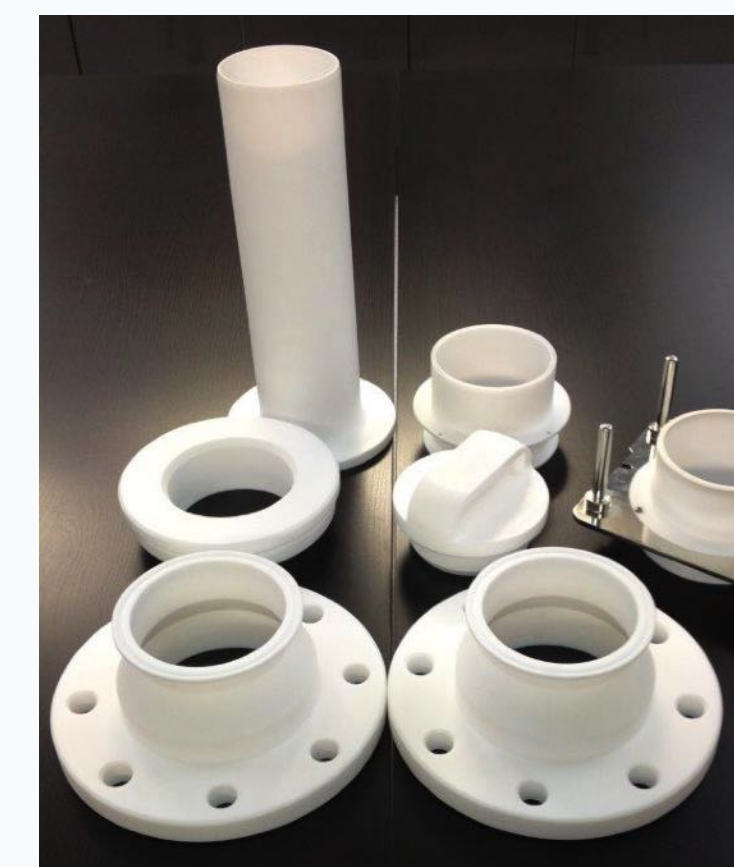
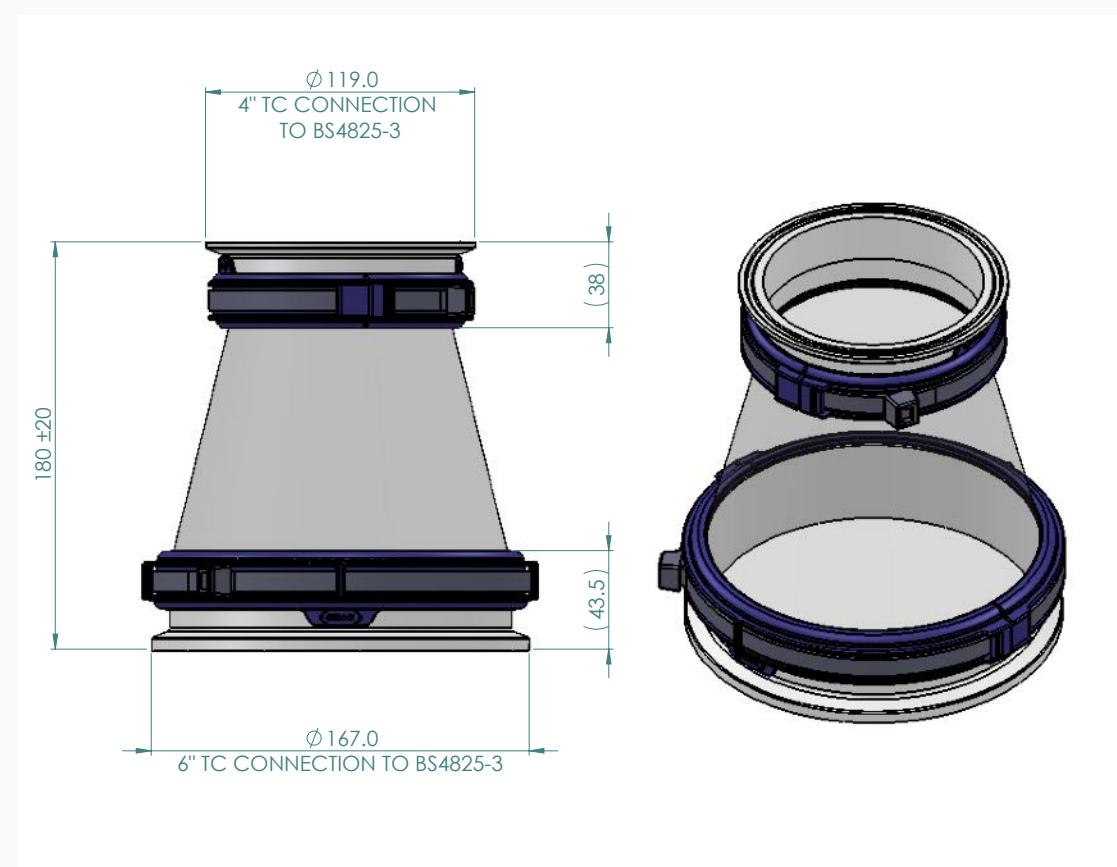
Reducer from 6" to 4"



EZI-DOCK ACCESSORIES



EZI-DOCK ACCESSORIES



EZI-STRAP™ VIDEO - LINER TENSIONING SYSTEM



EZI-STRAP™ LINER TENSIONING SYSTEM

Method of Operation



STEP 1

Once material has been dispensed into the liner, twist the liner as tightly as possible and hold. Use the Ezi-Strap Liner Tie to wrap around the twisted liner and hold.

Pass the tie through bottom slot of Ezi-Strap and pull tightly to close the Ezi-Strap Liner Tie and securely seal the liner.



STEP 2

Place the 2 loose ends of the Tie through the slot on the Ezi-Strap Tensioner (A manual or pneumatic version is available). Locate the slots of the strap onto the 2 hooks on the tensioner.

Squeeze lever on Ezi-Strap Tensioner repeatably until the strap is suitably tight.



STEP 3

Using the Ezi-Strap graduated cutter the strap can now be carefully cut down the middle of the strap.



STEP 4

The 2 halves are now safe and sealed.

There is an additional slot which can be used to create a secondary seal if required. The liner can even be "Swan-Necked" before this is applied.

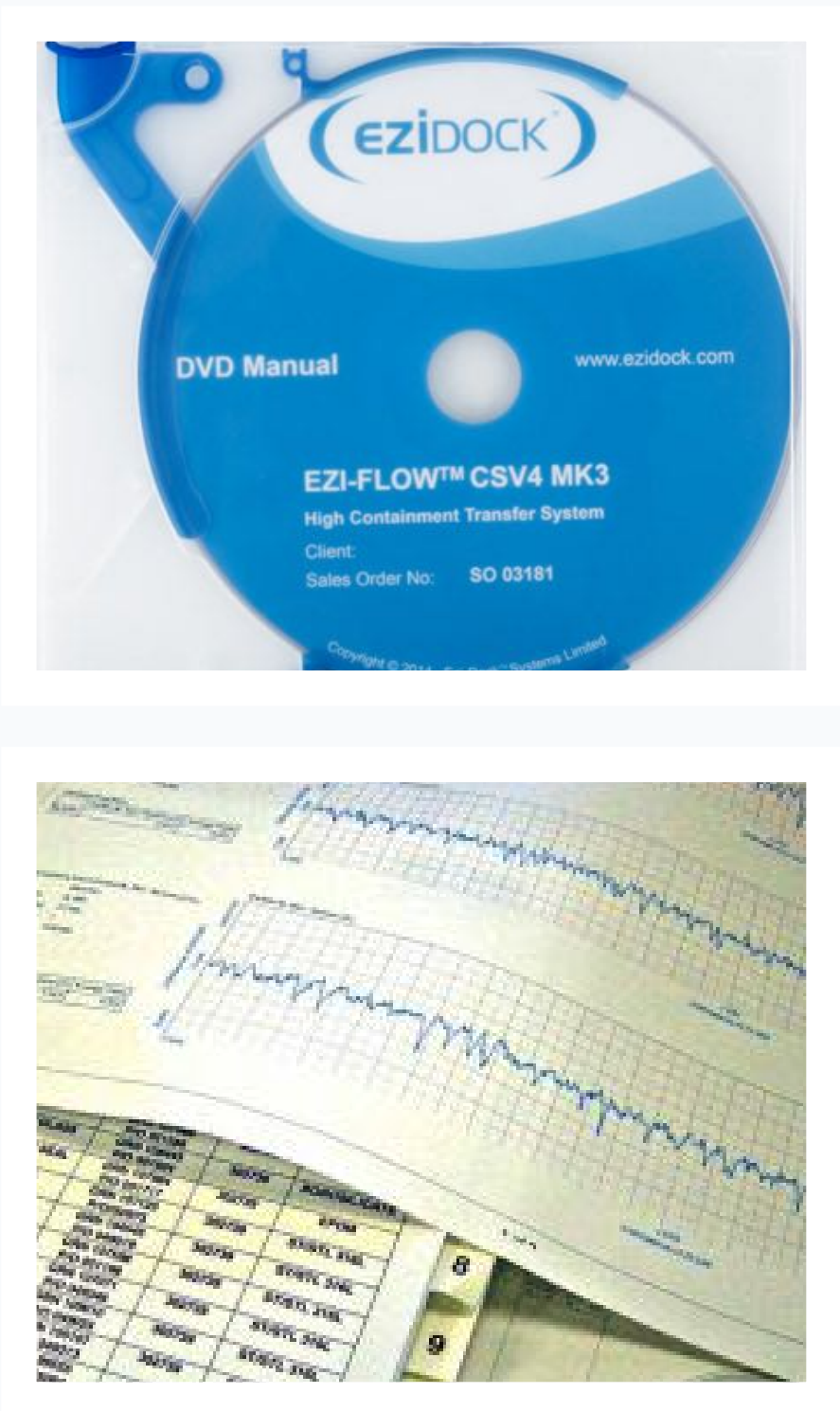


DOCUMENTATION PACKS

Documentation plays a crucial role, especially in the food and pharmaceutical industry, and ensures that you can be sure that your equipment has been manufactured to the highest standards.

**Complete Documents for
Validation Processes**

Our extensive documentation packages provide complete validation documents, including design, manufacturing, assembly, operation, and performance qualification. This saves you time and resources in the validation of the systems.



THANK YOU

