



## ACCSX™ Series – Accessory Filtration Excellence

### Built to Support. Engineered to Last.

#### ACCSX-SSB™ – Stainless Steel Strainer Baskets Technical Overview

Filtracore Asia's **ACCSX-SSB™ Stainless Steel Strainer Baskets** are precision-fabricated structural elements for liquid filtration systems, engineered to satisfy the



performance requirements of plant and process engineers who manage critical fluid operations. Installed inside standard bag filter housings, each basket provides **rigid support for filter bags**, maintaining bag geometry and **uniform micron retention** across fluctuating flow rates and pressures. When operated without a filter bag, ACCSX-SSB™ baskets perform as **stand-alone coarse strainers**, intercepting large particulates and protecting **pumps, valves,**

**heat exchangers, and downstream membranes** from abrasive damage or fouling.

Constructed from **high-grade stainless steel (304 or 316L)** and fabricated to **tight dimensional tolerances**, these baskets deliver **high mechanical strength, low pressure drop, and long service life** even in chemically aggressive or sanitary environments. Available finishes – **electropolished, passivated, or food-grade polish** – enhance corrosion resistance and meet hygienic requirements for **food & beverage, pharmaceutical, and ultrapure water** applications.

For demanding installations, baskets can be configured with **reinforced rims, swing handles, lifting eyes, or stackable frames**, enabling rapid change-out and secure handling during high-flow or high-differential-pressure operation. ACCSX-SSB™ baskets are **dimensioned for standard bag filter housings (Sizes #01, #02, #03, and #04)** and can be manufactured to match specific OEM parameters – diameter, height, and mesh aperture – ensuring **precise fit<sup>1</sup> and reliable sealing** in both new builds and retrofit projects.

***Durable. Precise. Built to Support Filtration Performance.***

## Technical Specifications

- **Material:** Stainless steel 304 or 316L; titanium available on request for extreme corrosion resistance.
- **Shapes:** Round, oval, diamond, or custom profiles. (*Pleated construction is not typical for strainer baskets and is excluded.*)
- **Length options:** Sized to fit standard #01, #02, #03, and #04 housings or custom-engineered to site specifications.
- **Diameter options:** Standard diameters precisely matched to common bag housing tolerances; custom diameters available.
- **Mesh apertures:** Coarse  $\geq 2000 \mu\text{m}$ , medium 200–1000  $\mu\text{m}$ , fine  $\leq 25 \mu\text{m}$ ; other micron ratings available upon specification.
- **Finishes:** As-fabricated, passivated, electropolished, or food-grade polish for sanitary service.
- **Handles/add-ons:** Swing handles, lifting eyes, reinforced rims, identification tags, and stackable frames for multi-basket operation.
- **Maximum operating temperature:** Up to approximately 400 °C for fully stainless construction; lower limits apply if special coatings or gaskets are specified.
- **Maximum differential pressure:** Rated to 3.5 bar at ambient temperature; verify for elevated temperatures or viscous fluids.
- **Compliance:** Food-contact-compliant variants available on request (FDA 21 CFR; EU 1935/2004 & 10/2011).
- **Maintenance:** Designed for repeated cleaning and reuse; smooth internal surfaces minimise product hold-up and simplify CIP or manual washdown.



<sup>1</sup> Compatibility is based on matching critical parameters such as housing diameter, basket height, ring style, and mesh aperture. Always confirm final fit and sealing with detailed drawings or OEM specifications before ordering.

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■ [sales@filtracoreasia.com](mailto:sales@filtracoreasia.com) ■ [www.filtracoreasia.com](http://www.filtracoreasia.com) ■ +65 89-FILTER (+65 89-345837)

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