

Steel Basket-Strainer 500 µm (10 pcs., non-sterile)

Order No.:43-76500-50



Description

500 µm Steel Basket Strainers are stainless steel mesh filters that consist of individual strands woven into a mesh. The Strainers are characterized by precise mesh openings, percent open area and mesh thickness.

Steel Basket-Strainer are available with five different pore sizes 20 µm, 50 µm, 100 µm, 200 µm and 500 µm.

Steel Basket Strainer consists of a SS 304 stainless steel ring and a SS 316 stainless steel mesh, for the best efficiency of your application. The steel mesh filter can be reused. Therefore the strainers can be regenerated by ultrasonic bath or backwashing the system. After regeneration, the steel filter will be ready for use again. Additionally heat sterilization or autoclaving is possible. The stainless steel filters are very robust and can tolerate high temperatures and high pressure. These steel filters are usable for liquids or compressed air. Due to the strength of the mesh offer an absolute retention rating in a wide range of filtration applications.

Application

- Extract liquids from porous sample material
- Dissociation of tissue and cells
- Preparation of single cell suspension
- Alternative strainer to gauze filtration
- Alternative strainer to plastic cell strainer
- Usable at higher temperatures
- Usable for petroleum and chemical industries, in the aerospace industry or in food processing
- Particle retention in cosmetic
- Water treatment
- Syrup filtration

Additional Information

| | |
|----------------------|--------------------------------------------------------------|
| Delivery Time (days) | 1-2 |
| Mesh Size | 500 µm |
| Variation | 10 pcs, Stainless Steel Mesh |
| Size | 10 pcs |
| Fabric material | Steel |
| Mesh Type | woven |
| Sterility | Non-Sterile |
| Centrifugable | 2000 x g (max.) |
| Tissue Dissociation | yes |
| Disinfectable | yes |
| Shipping Condition | Room Temperature |
| Storage Condition | Room Temperature |
| Regulatory Statement | For research use only. Not for use in diagnostic procedures. |

Warning and Limitations

This product is for research and development only, not for diagnostic or therapeutic use.