

13 mm/0.22 μ m - Polyether Sulfone (PES) Syringe Filters

Part Number: 145-0041

Specification

- Quick and efficient filtration of samples and all kind of solutions, solvents or gases
- Housing injected in Polypropylene or Acrylic
- Multifunctional Syringe Filters: equipped with luer-lock or luer-slip male connections for different applications
Sterilized or non-sterile
- Available in bulk-packages or individual blisters
- Customized product and packaging on request
- Accurate labeling: each filter is labeled with the specific filter material and pore size for easy identification even if the syringe filter is not in its original Packaging



Characteristics

Housing Material: Acrylic and Polypropylene
Membrane Materials: Polyether Sulfone (PES)
Membrane Diameter: 13 mm
Housing Diameter: 18 mm
Effective Filtration Area: 0.76 cm²
Pressure Bar: 5
Sterile: No
Inlet /outlet: FLL/MLL-MLS

Typical Applications

Filtration of Aqueous, Organic and Alcohol Solutions
 Analytical Sample Prep, UHPLC
 IC Chromatography
 Fuel Hydraulic Fluids and Machined Parts
 Clarification
 Protein Chemistry
 Cell Culture

SPECIFICATIONS

Product code	FJ13BNPPS002AD01
Description	Syringe filter membrane diameter 13 mm FLL/MLS PP Transparent membrane PES 0.20 µm (500 pcs)
Membrane diameter (mm)	13
Weight (g)	1.43
Membrane material	PES
Pore size (µm)	0,22
Pressure (bar)	5
Bubble point - typical (psi using water)	45
Housing diameter (mm)	18
Color	Transparent
Inlet / outlet	Female luer lock/Male luer slip
Typical water flow rate (ml/min at 15 psi & 23°C)	8
Effective filtration area (cm2)	0.76 cm2
Applications	Filtration of Alcohol Solutions; Analytical Sample Prep, uHPLC; IC CHRO; Sterile Filtration; Clarification; Protein Chemistry; Cell Culture
Box quantity	500
Notes	Ideally for use in life science applications; Preparation of aqueous, biological or protein based solutions prior to chromatography or other instrument analyses; Accurate results for the most sensitive analysis of ionic species; Specifically designed for IC applications; Low drug and protein binding for pharmaceutical filtration; The 0.2 µm syringe filters are optimized for UHPLC sample preparation