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## 13 mm - ABLUO Syringe Filters

### Part Number: 145-0054

### 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:** PTFE Hydrophilic (HP)  
**Membrane Diameter:** 13 mm  
**Housing Diameter:** 18 mm  
**Effective Filtration Area:** 0.76 cm<sup>2</sup>  
**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

**Packaging:** 500 pcs per box

SPECIFICATIONS	
Product code	FJ13BNPPH004AD01
Description	Syringe filter diam.13 mm FLL/MLS PP Transparent member PTFE HP 0.45 µm (500 pcs)
Weight (g)	1.43
Membrane material	PTFE
Pore size (µm)	0.45
Bubble point - typical (psi using water)	17
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)	11
Effective filtration area (cm <sup>2</sup> )	0.76 cm <sup>2</sup>
Applications	PROT_ORG; Analytical Sample Prep, uHPLC; GC Chromatography; Clarification; Venting and Gas Filtration; Fuel, Hydraulic Fluids & Machined parts
Box quantity	500
Notes	Preparation of organic solutions prior to chromatography or other instrument analyses; Exceptional chemical and temperature compatibility; Filtration of strong acids and aggressive solutions. Venting applications. Ideal for filtration of gas and/or HPLC organic solvents, aggressive solutions and small venting; Ultimate in chemical compatibility for filtering harsh chemicals that destroy other membrane materials; For solvents (acetone, dimethylformamide, DMSO....) or for aggressive aqueous liquids.