



Chemical Comparison Guide

| SOLVENT | MATERIAL | |
|-------------------------|-----------------|-----------------|
| | PP ¹ | PS ² |
| Acetic Acids, Glacial | A+ | F |
| Acetonitrile | A+ | F |
| Benzyl Alcohol, 1% | A+ | F |
| Butyl Ether | C | F |
| Dimethylformamide | A+ | F |
| Dimethyl Acetamide | A+ | F |
| Dimethyl Sulfoxide | A+ | F |
| Ethyl Alcohol (Ethanol) | A+ | C |
| Methanol | A+ | C |

¹ Polypropylene
² Polystyrene

A+ = Excellent Compatibility
C = Average Compatibility
F = Do Not Use

Membrane Characteristics

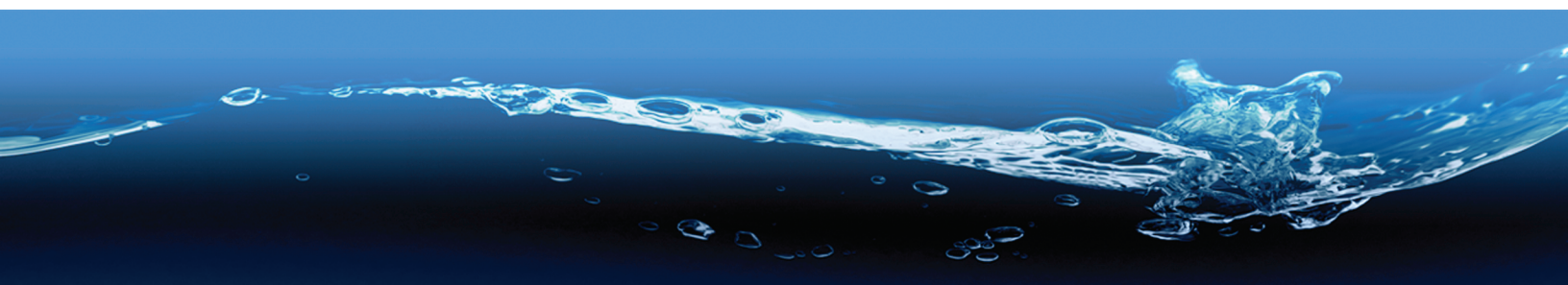
| Membrane | Characteristics |
|----------|--|
| PES | Exhibits very low protein binding and extractables. Faster than Cellulose Acetate and Nylon membrane. |
| Nylon | Naturally hydrophilic and has greater chemical compatibility than other membranes. Extremely low extractables. Best used with solutions containing little or no protein. |
| PTFE | Naturally hydrophobic. Great chemical compatibility, making it exceptional for filtering aggressive solvents. |

Foxx Life Sciences' **Autofil® PP** bottle-top filters for solvent filtration are a revolutionary new way to purify solvents for analytical applications to obtain sterilized or purified extracts. Foxx has developed the world's first single-piece polypropylene funnel, designed to withstand harsh solvents that would normally degrade traditional bottle-top filter assemblies. All active components are FDA-grade which makes **Autofil® PP** perfect for the extraction of compounds used in the food and drug industry.

Autofil® PP is designed to conveniently fit on top of most laboratory bottles with a GL45 thread. **Autofil® PP** is available in three membrane types: Foxx Velocity PES, Nylon, and PTFE. Pore sizes include both 0.2µm and 0.45µm options. Available in two sizes, 500mL and 1000mL.

- 1 Patented single-piece design made entirely from FDA-grade Polypropylene has excellent chemical compatibility with harsh solvents.
- 2 Available in three different membrane types: NEW High Flow Foxx Velocity PES, Nylon, and PTFE. Available in both 0.2µm and 0.45µm variants.
- 3 Easy to read label makes identifying membrane type and size easy when removed from packaging!
- 4 Our GL45 thread fits most laboratory bottles.





| | Item Number | Volume | Membrane Pore Size | Filter Diameter | Description |
|-----------------------------|--------------|--------|--------------------|-----------------|--|
| Foxx Velocity PES | 325-1271-FLS | 500mL | 0.2µm | 90mm | 500mL Funnel Only 0.2µm PES, 12/cs |
| | 325-5271-FLS | 1000mL | 0.2µm | 90mm | 1000mL Funnel Only 0.2µm PES, 12/cs |
| Nylon | 325-1241-FLS | 500mL | 0.2µm | 90mm | 500mL Funnel Only 0.2µm Nylon, 12/cs |
| | 325-1441-FLS | 500mL | 0.45µm | 90mm | 500mL Funnel Only 0.45µm Nylon, 12/cs |
| | 325-5241-FLS | 1000mL | 0.2µm | 90mm | 1000mL Funnel Only 0.2µm Nylon, 12/cs |
| | 325-5441-FLS | 1000mL | 0.45µm | 90mm | 1000mL Funnel Only 0.45µm Nylon, 12/cs |
| PTFE | 325-1451-FLS | 500mL | 0.45µm | 90mm | 500mL Funnel Only 0.45µm PTFE, 12/cs |
| | 325-5451-FLS | 1000mL | 0.45µm | 90mm | 1000mL Funnel Only 0.45µm PTFE, 12/cs |
| Optional Accessories | 1122-RLS | - | - | - | Autofil Quick-Connect Cradle Ring |
| | 1116-RLS | - | - | - | Autofil Quick-Connect Pedestal |



Using an HPLC machine for analysis?

Foxx has developed the world's most advanced and economical waste management solution for HPLC solvents. Available in both robust Heavy Duty and UN/DOT transport approved containers, EZwaste® is incredibly flexible in its application. Protect yourself from harmful, volatile compounds in the laboratory with the patented EZwaste® Solvent Waste System!