



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
PE	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!