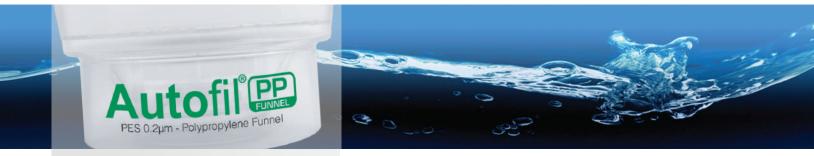


## Autofil® PP for Solvent Filtration

www.foxxlifesciences.com



## **Chemical Comparison Guide**

	MATERIAL		
SOLVENT	PP <sup>1</sup>	PS <sup>2</sup>	
Acetic Acids, Glacial	A+	F	
Acetonitrile	A+	F	
Benzyl Alcohol, 1%	A+	F	
Butyl Ether	С	F	
Dimethylformamide	A+	F	
Dimethyl Acetamide	A+	F	
Dimethyl Sulfoxide	A+	F	
Ethyl Alcohol (Ethanol)	A+	С	
Methanol	A+	С	

<sup>1</sup> Polypropylene <sup>2</sup> Polystyrene

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

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  $0.2\mu m$  and  $0.45\mu m$  options. Available in two sizes, 500mL and 1000mL.

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.			



2 Available in three different membrane types: NEW High Flow Foxx Velocity PES, Nylon, and PTFE. Available in both  $0.2\mu m$  and  $0.45\mu m$  variants.

3 Easy to read label makes identifying membrane type and size easy when removed from packaging!

Our GL45 thread fits most laboratory bottles.











## Autofil® PP for Solvent Filtration

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	Item Number	Volume	Membrane Pore Size	Filter Diameter	Description
Foxx Velocity	325-1271-FLS	500mL	0.2 <i>µ</i> m	90mm	500mL Funnel Only 0.2µm PES, 12/cs
PES	325-5271-FLS	1000mL	0.2 <i>µ</i> m	90mm	1000mL Funnel Only 0.2µm PES, 12/cs
	325-1241-FLS	500mL	0.2 <i>µ</i> m	90mm	500mL Funnel Only 0.2µm Nylon, 12/cs
Nylon	325-1441-FLS	500mL	0.45μm	90mm	500mL Funnel Only 0.45μm Nylon, 12/cs
	325-5241-FLS	1000mL	0.2 <i>µ</i> m	90mm	1000mL Funnel Only 0.2µm Nylon, 12/cs
	325-5441-FLS	1000mL	0.45μm	90mm	1000mL Funnel Only 0.45 $\mu$ m Nylon, 12/cs
PTFE	325-1451-FLS	500mL	0.45μm	90mm	500mL Funnel Only 0.45µm PTFE, 12/cs
PIFE	325-5451-FLS	1000mL	0.45μm	90mm	1000mL Funnel Only 0.45 $\mu$ m 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!

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