

# Whatman filtration device decision chart

The Whatman™ product portfolio provides a wide range of syringe filters, accessories, integrated devices and inline filter-degassers to address laboratory filtration needs from basic to the most demanding, for small research facilities to high-throughput analytical labs. Determine the best filter media for you by using the chart below and cross referencing the category and membrane type.

		Solvents											
		Aqueous											
		Hydrophilic						Hydrophobic					
		CN	CA	PES	GMF	NYL	PVDF	ANP	RC	H-PTFE	DpPP*	PP*	PTFE†
<b>High performance</b> The workhorse of the lab, these syringe filters deliver premium quality with efficiency to meet most analytical needs, from basic to advanced.	<b>Anotop™ syringe filters</b>							✓					
	<b>Puradisc™ syringe filters</b>	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
<b>Difficult filtration</b> For use with high-particulate and viscous samples, these syringe filters contain two or more filter layers to allow efficient filtration without blockage for a cost-effective and efficient solution.	<b>Anotop™ Plus syringe filters</b>							✓					
	<b>Whatman GD/X™ syringe filters</b>		✓	✓	✓	✓	✓		✓		✓	✓	✓
	<b>GD/XP</b>			✓		✓	✓				✓	✓	✓
<b>Automated systems</b> These sturdy syringe filters are compatible with most high throughput and/or dissolution systems.	<b>Roby</b>				✓	✓			✓				
	<b>850-DS</b>			✓	✓	✓	✓						✓
<b>Application specific</b> Dedicated uses: HPLC, IC and LC with certification; bioethanol and protein purification production; environmental samples prior to COD/DOC analysis.	<b>Anotop™ IC syringe filters</b>							✓					
	<b>Anotop™ LC syringe filters</b>							✓					
	<b>Puradisc™ Aqua syringe filters</b>		✓										
	<b>SPARTAN™ Certified syringe filters</b>								✓				
	<b>Protein Prep</b>								✓				
<b>All-in-One</b> Integrated devices include the collection receptacle to save time, reduce waste and reduce sample handling	<b>Autovial™ syringeless filters</b>		✓	✓	✓	✓	✓					✓	✓
	<b>UniPrep™ syringeless filters</b>				✓	✓	✓						✓
	<b>Mini-UniPrep™ syringeless filters</b>			✓	✓	✓	✓		✓		✓	✓	✓
	<b>Mini-UniPrep™ G2 syringeless filters</b>				✓	✓	✓		✓			✓	✓
<b>Advantage</b> Reliable quality, economical portfolio for basic applications.	<b>Whatman™ Uniflo™ syringe filters</b>			✓	✓	✓	✓			✓			✓
<b>Mobile phase</b> Inline filter devices for degassing solutions used as the carrier phase in analytical equipment.	<b>Aqueous IFD</b>					✓							
	<b>Solvent IFD</b>											✓	

ANP = Anopore™  
CA = Cellulose acetate  
CN = Cellulose nitrate

DpPP = Polypropylene depth filter  
GMF = Glass microfibrer  
NYL = Nylon

PES = Polyethersulfone  
PP = Polypropylene  
H-PTFE = Hydrophilic Polytetrafluoroethylene

PTFE = Polytetrafluoroethylene  
PVDF = Polyvinylidene difluoride  
RC = Regenerated cellulose

\* Mildly Hydrophobic can be used for aqueous sample but exhibits elevated water breakthrough  
† Select PTFE for applications where prevention of water intrusion is critical

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