Disposable“ FilTrex “ Syringe Filter

PRODUCT FEATURES AND FUNCTION:

HOUSING

The housing is highly purity virgin polypropylene (PP) with highly solvent resistant and exhibit low extractable. The non-pigmented polypropylene housing to assured that filtrates will not be adulterated due to color pigment,dye, etc. The Ultrasonically bonded provide a strong seal with-out the use of adhesives .The female luer lock inlet and male luer slip outlet are for connections. The membrane type and porosity are clearly printed on the body of housing.

Filters are molded in the housings and available in many different pore sizes and with several hydrophilic or hydrophobic membrane materials. They are ideal for filtering samples, culture media or solvents used in wide range applications such as sample preparation,chromatography,medical,etc.

13 mm. syringe filters have a membrane diameter 13 mm. in 18 mm. outer diameter of PP housing. Ideal for sample volume between 0.1 ml. to 10 ml.

25 mm. syringe filters have a membrane diameter 25 mm. in 30 mm outer diameter of PP housing. This syringe filters offer the fastest sample filtration with ideal fo sample volume between 0.5 ml. to 100 ml.

FILTER MEMBRANE

-Nylon ideals for filtration of all aqueous and most solvent based samples.
-CA is all low protein binding, it well suited for filtration of biological samples.
-PTFE can be used to filter solvents and strong acids. Although PTFE is inherently hydrophobic, it can be made hydrophilic by pre-wetting the membrane with methanol and then rinsing with water.
-MCE ideals for filtration of all aqueous and most solvent based samples and specifically filtration of trace protein contamination.
-PVDF ideals for filtration of non-aqueous or solvent based samples and biological samples.
-PP ideals for all aqueous or most solvent based samples and biological samples.
-PES ideals for aqueous based samples and biological samples.

Size	Membrane	Pore	Part No. : 100/pack	Price	Pore	Part No. : 100/pack	Price
13 mm.	Nylon(NL)	0.45 µm	FTS-NL13045-010		0.2 µm	FTS-NL13020-010	
	Cellulose Acetate (CA)	0.45 µm	FTS-CA13045-010		0.2 µm	FTS-CA13020-010	
	Polytetrafluoroethylene (PTFE)	0.45 µm	FTS-PTFE13045-010		0.2 µm	FTS-PTFE13020-010	
	Mixed Cellulose Acetate (MCE)	0.45 µm	FTS-MCE13045-010		0.2 µm	FTS-MCE13020-010	
	Polyvinylidene Fluoride (PVDF)	0.45 µm	FTS-PVDF13045-010		0.2 µm	FTS-PVDF13020-010	
	Polypropylene (PP)	0.45 µm	FTS-PP13045-010		0.2 µm	FTS-PP13020-010	
	Polyethersulfone (PES)	0.45 µm	FTS-PES13045-010		0.2 µm	FTS-PES13020-010	
size	**Membrane**	**Pore**	**Part No. : 100/pack**	**Price**	**Pore**	**Part No. : 100/pack**	**Price**
25 mm.	Nylon(NL)	0.45 µm	FTS-NL25045-010		0.2 µm	FTS-NL25020-010	
	Cellulose Acetate (CA)	0.45 µm	FTS-CA25045-010		0.2 µm	FTS-CA25020-010	
	Polytetrafluoroethylene (PTFE)	0.45 µm	FTS-PTFE25045-010		0.2 µm	FTS-PTFE25020-010	
	Mixed Cellulose Acetate (MCE)	0.45 µm	FTS-MCE25045-010		0.2 µm	FTS-MCE25020-010	
	Polyvinylidene Fluoride (PVDF)	0.45 µm	FTS-PVDF25045-010		0.2 µm	FTS-PVDF25020-010	
	Polypropylene (PP)	0.45 µm	FTS-PP25045-010		0.2 µm	FTS-PP25020-010	
	Polyethersulfone (PES)	0.45 µm	FTS-PES25045-010		0.2 µm	FTS-PES25020-010	

NOTE : Please request the other type and pore size of the filter membrane that is not available in the ordering information.
We reserve the right to alter the specifications of the products described in this leaflet without prior notice. **www.lab-preparation.com**