



Membrane Solutions

Filter Vial

Sample Preparation

HPLC/UHPLC | Cannabis Testing



OUR MEMBRANE, YOUR SOLUTIONS

MS Com-pure® series filter vial combines syringe filter and vial technology into one simple product. Save time and money in sample preparation process. The single step filtering process is efficient, simple to use, easy to press and fast. MS® Filter vial is one step sample preparation device and integrates a device auto-sampler, filtration membrane, plug and cap/septa. These special filters do the filtering for you—giving you one less step in your workflow.



FEATURES & BENEFITS

- Adapted equipment: Waters, Agilent, Shimadzu, and other mainstream chromatography instruments.
Standard size suitable for auto-sampler
- Rapid sample preparation
- Single step process, filtering with a plunger in the vial
- Preliterate cap ensures easy and clean sample transfer
- Replace syringe, syringe filter, glass vial and cap, cost effective

SPECIFICATION

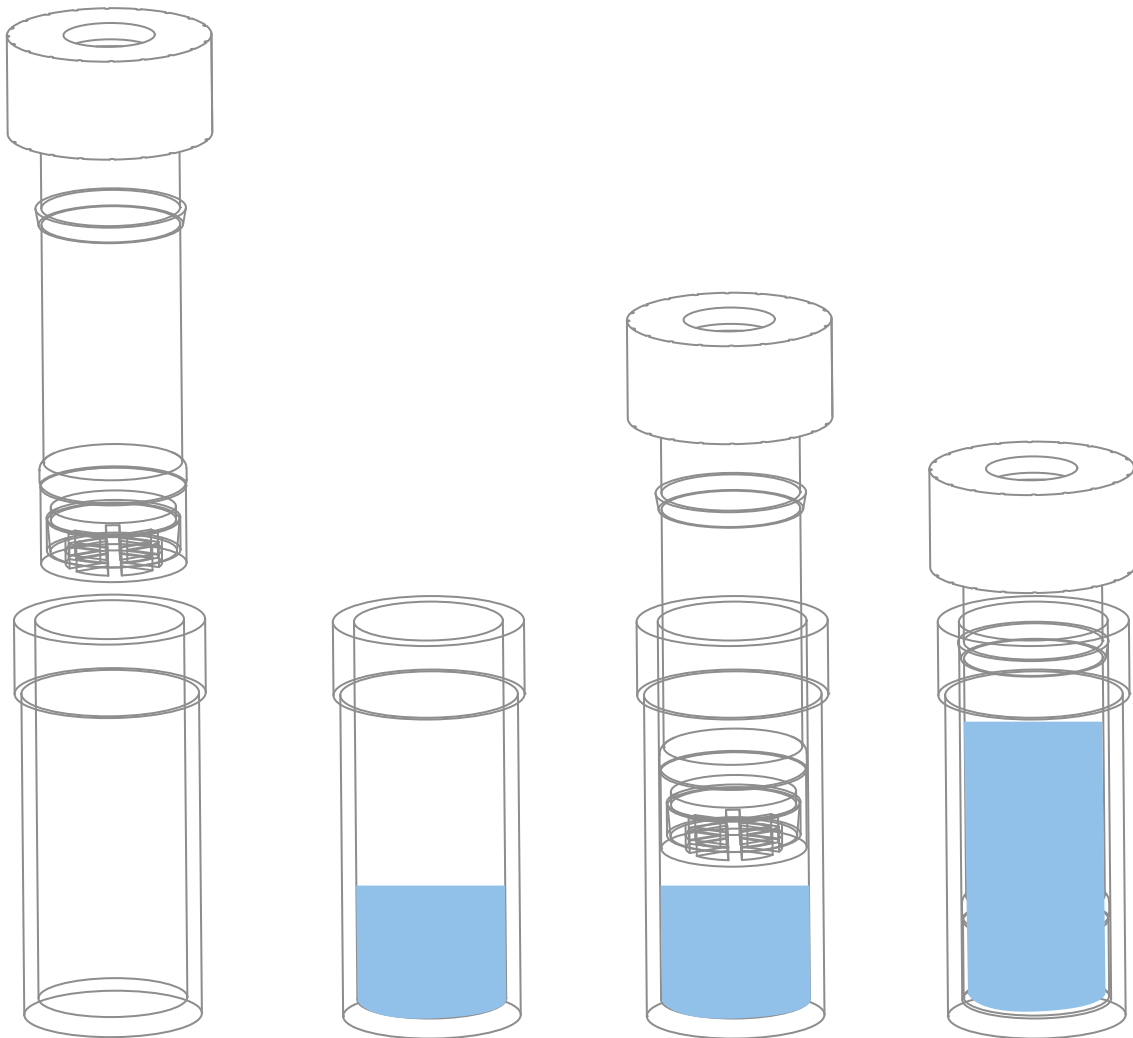
PN#	FSBNY022N	FSBNY045N	FSBPTFE022N	FSBPTFE045N	FSBPES022N	FSBPES045N
Color	Natural	Natural	Natural	Natural	Natural	Natural
Membrane	Nylon	Nylon	PTFE	PTFE	PES	PES
Housing	PP	PP	PP	PP	PP	PP
Pore size	0.2 µm	0.45 µm	0.22 µm	0.45µm	0.22 µm	0.45µm
Size	Diamter: 10 mm		Hight: 33 mm			
Sterile	No	No	No	No	No	No
Filling vol	480ul	480ul	480ul	480ul	480ul	480ul
Dead vol	30ul	30ul	30ul	30ul	30ul	30ul
Pressure	2.5 bar (36 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)
Filtration Area	0.45cm ²	0.45cm ²	0.45cm ²	0.45cm ²	0.45cm ²	0.45cm ²
Max operation temp	121 °F (50 °C)	121 °F (50 °C)	121 °F (50 °C)	121 °F (50 °C)	121 °F (50 °C)	121 °F (50 °C)
Packaging	100/pk	100/pk	100/pk	100/pk	100/pk	100/pk
Packaging	1000/pk	1000/pk	1000/pk	1000/pk	1000/pk	1000/pk

APPLICATION

- General liquids: 480ul
- Particulate Removal
- Automation Compatible
- Small Molecules
- Food & Supplements
- Toxicology
- Environmental

HOW TO USE?

- 1.Fill** Use a pipette to add sample to the fill line.
- 2.Cover** Twist gently to ensure a secure seal.
- 3.Plunge** To filter the sample, press the plunger slowly for about three seconds.



	Chemical	Filter Media		Housing
		1 Polytetrafluoroethylene	Nylon	Polypropylene
		PTFE	NY	PP
ACIDS	Acetic Add, 5%	Yes	Yes	Yes
	Acetic Add, 10%	Yes	Testing before use	Yes
	Acetic Add, Glacial	Yes	X	Testing before use
	Boric Add Hydrochloric, 6N	Yes	Testing before use	Yes
	Hydrochloric, 6N	Yes	X	Testing before use
	Hydrochloric, Cone	Yes	X	Testing before use
	Hydrofluoric, 10%	Yes	X	Yes
	Hydrofluoric, 35%	Testing before use	X	Testing before use
	Nitric Add, 6N	Testing before use	X	Testing before use
	Nitric Add, Conc	X	X	Testing before use
	Sulfuric Acid, 6N	Testing before use	X	Testing before use
	Sulfuric Add, Cone	X	X	Testing before use
ALCOHOLS	Amyl Alcoho	Yes	Yes	Yes
	Benzyl Alcohol Butyl Alcohol	Yes	Testing before use	Yes
	Butyl	Yes	Yes	Yes
	Butyl Cellosolve	Yes	Yes	Testing before use
	Ethyle Alcohol	Yes	Yes	Testing before use
	Ethyle Glycol	Yes	Yes	Yes
	Glycerin	Yes	Yes	Yes
	Isobutyl Alcohol	Yes	Yes	Testing before use
	Isopropanol	Yes	Yes	Testing before use
	Methanol	Yes	Testing before use	Testing before use
	Methyl Cellosolve	Yes	Yes	Testing before use
	Propanol	Yes	Yes	Yes
BASES	Ammonium Hydroxide, 6N	Yes	X	Testing before use
	Potassium Hydroxide, 6N	Yes	Yes	Testing before use
	Sodium Hydroxide, 6N	Yes	X	Testing before use
	Sodium Hydroxide, 6N	Yes	X	Testing before use
SOLVENTS	Acetone	Yes	Yes	Yes
	Acetonitrile	Yes	Testing before use	Yes
	Amyl Acetate	Yes	Yes	Testing before use
	Aniline	Yes	Yes	Testing before use
	Benzene	Testing before use	Testing before use	Testing before use
	Bromoform	Yes	Yes	Testing before use
	Butyl Acetate	Yes	Yes	Testing before use
	Carbon Tetrachloride	Testing before use	Yes	X
	Cellosolve	Yes	Yes	Testing before use
	Chloroform	Testing before use	Not resistance	Testing before use
	Cyclohexane	Yes	Yes	Yes
	Cyclohexanone	Yes	Testing before use	Yes
	Diethyl Acetamide	X	Yes	Testing before use
	Dimethyl Formamide	Yes	Yes	Yes
	Dimethyl Sulfoxide (DMSO)	Yes	Yes	Testing before use
	Dioxane	Yes	Yes	Yes
	Ethyl Ether	Yes	Yes	X
	Ethylene Dichloride	Yes	Yes	Testing before use
	Formaldehyde	Yes	Yes	Yes
	Freon TF	Yes	Yes	Testing before use
	Gasoline	Yes	Yes	X
	Hexane	Yes	Yes	Testing before use
	Isopropyl Acetate	Yes	Yes	Yes
	Kerosene	Yes	Yes	Testing before use
	Methyl Acetate	Yes	Yes	Yes
	Methyl Ethyl Ketone	Yes	Yes	Testing before use
	Methyl Isobutyl Ketone	Yes	Yes	Testing before use
	Methylene Chloride	Yes	Testing before use	X
	Nitrobenzene	Yes	Testing before use	Yes
	Pentane	Testing before use	Yes	Testing before use
	Perchloroethylene	Yes	Yes	Testing before use
	Pyridine	Yes	Testing before use	Testing before use
	Tetrahydrofuran	Testing before use	Testing before use	Testing before use
	Toluene	Testing before use	Yes	Testing before use
	Trichloroethane	Yes	Testing before use	Testing before use
	Trichloroethylene	Testing before use	Testing before use	X
	Triethylamine	Yes	Yes	Testing before use
	Xylene	Testing before use	Testing before use	Yes



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