

Filtration Products



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The PTFE membrane Syringe Filters are classified in two categories, hydrophobic and hydrophilic as PTFE membrane has two different properties.

The Hydrophobic membrane is chemically resistant to all solvents, acids and bases. The membrane is very low in extractables and has an excellent thermal stability.

The hydrophilic membrane is compatible with water solution. Hydrophilic PTFE membrane is unsupported membrane that ideal for HPLC and mixtures of aqueous and organic solvents. Unsupported membrane means non-reinforced, single-ply thin membrane which has no support ability.

PTFE syringe filters are available in 3 sizes, 13mm, 25mm and 30mm diameters.

Applications

- Hydrophilic Syringe filter
- Lowest level of IC extractables
- Broad chemical compatibility and flexibility in lab
- Optimizing background levels in sensitive IC analyses
- Standard 1µm pre-filter for optimal performance with particulate laden analyses

Features

- Lowest level of IC extractables, optimizing background levels in sensitive IC analyses
- Standard 1µm pre-filter for optimal performance with particulate-laden analyses
- Compatible with both aqueous and organic solutions, offering broad chemical compatibility and flexibility in the lab
- Able to filter solutions at temperatures up to 100°C
- Autoclave at 121°C at 1 bar for 20 minutes/EO/Gamma
- Good choice for Ion Chromatography

PTFE Syringe Filter (Hydrophobic)

Item	Description	Pore Size	Diameter	Packaging (pcs/pk)
IAS13PTFE022H	Hydrophobic PTFE Syringe Filter	0.22µm	13mm	100
IAS13PTFE045H	Hydrophobic PTFE Syringe Filter	0.45µm	13mm	100
IAS25PTFE022H	Hydrophobic PTFE Syringe Filter	0.22µm	25mm	100
IAS25PTFE045H	Hydrophobic PTFE Syringe Filter	0.45µm	25mm	100
IAS30PTFE022H	Hydrophobic PTFE Syringe Filter	0.22µm	30mm	100
IAS30PTFE045H	Hydrophobic PTFE Syringe Filter	0.45µm	30mm	100

PTFE Syringe Filter (Hydrophilic)

Item	Description	Pore Size	Diameter	Packaging (pcs/pk)
IAS13PTFE022L	Hydrophilic PTFE Syringe Filter	0.22µm	13mm	100
IAS13PTFE045L	Hydrophilic PTFE Syringe Filter	0.45µm	13mm	100
IAS25PTFE022L	Hydrophilic PTFE Syringe Filter	0.22µm	25mm	100
IAS25PTFE045L	Hydrophilic PTFE Syringe Filter	0.45µm	25mm	100
IAS30PTFE022L	Hydrophilic PTFE Syringe Filter	0.22µm	30mm	100
IAS30PTFE045L	Hydrophilic PTFE Syringe Filter	0.45µm	30mm	100

Sterile PTFE Syringe Filters

