

MIXED CELLULOSE ESTER (MCE) SYRINGE FILTERS

MCE syringe filters are hydrophilic, easily blocked (for a low background), and designed for efficient clarification and filtration of aqueous samples.

These filters are constructed from a high-quality nitrocellulose polymer (cellulose nitrate and cellulose acetate) and are commonly used in medical assays and environmental contaminant testing. MCE syringe filters are available in non-sterile and individually packed sterile options.



SPECIFICATIONS

Prefilter Available	No
Sterile Options Available	Yes
Autoclavable	Yes
Water Affinity	Hydrophilic
Housing	Polypropylene
Connections	Female Luer Lok-Male Luer Slip
Diameters Available [mm]	13, 17, 25 mm
Pore Sizes Available [µm]	0.22, 0.45 µm

APPLICATIONS

- Clarification of environmental water samples and biological samples
- Sterilization of water samples, buffer solutions, and saline solutions
- Chromatography sample preparation

NYLON SYRINGE FILTERS

Nylon syringe filters are hydrophilic, have exceptionally low extractable levels, and are used to sterilize and clarify aqueous and solvent samples for analytical and research applications.

These filters do not require the use of wetting agents and are ideally suited to filter low hold-up volume samples for direct injection into HPLC sample loop systems. Nylon syringe filters can be ordered with borosilicate prefilters to improve sample volume throughput and are available in either pre-sterilized or non-sterile packs.



SPECIFICATIONS

Prefilter Available	Yes
Sterile Options Available	Yes
Autoclavable	Yes
Water Affinity	Hydrophilic
Housing	Polypropylene
Connections	Female Luer Lok-Male Luer Slip
Diameters Available [mm]	13, 17, 25, 30 mm
Pore Sizes Available [µm]	0.45, 1.2 µm

APPLICATIONS

- Clarification of samples, buffers, and mobile phases for HPLC and GC
- Sterilization of lab water and buffers
- Compatible Solvent filtration