

J.T.Baker® Syringe Filters

For more than a century, customers around the world have trusted the J.T.Baker® brand for its quality and performance. J.T.Baker products consistently meet the needs of the most demanding applications. J.T.Baker's premium, high performance syringe filters are engineered to provide highly efficient filtration that minimizes extractables to maximize sample purity.

The J.T.Baker syringe filters are made of a polypropylene housing with multiple membranes available. The filters have a female Luer lock inlet for secure attachment to syringes, and are available in a full range of sizes, to accommodate volumes and flow rates for a wide range of HPLC applications and samples. The J.T.Baker syringe filters are manufactured according to ISO 9001 standards. Each batch comes with a chromatogram, certificate of quality and are rigorously tested for:

- Burst pressure of housing
- Bubble point
- Flow rate performance
- Extractables



These syringe filters are specifically designed for chromatography sample preparation applications and optimized to provide the most consistent results with minimal extractables.

- Available with PTFE (hydrophilic or hydrophobic), nylon, PES, regenerated cellulose and GF (glass fiber) membranes
- Hydrophilic PTFE offers excellent chemical resistance to both common aqueous and aggressive organic solvents, plus most acids and alkalis
- Hydrophobic PTFE is resistant to the majority of solvents as well as strong acids and bases, also suitable for gas filtration
- Nylon provides a wide range of chemical compatibility, suitable for filtration of either aqueous or organic solvents. It is a natural hydrophilic membrane that can be used in a broad pH range
- Regenerated cellulose membranes exhibit low protein binding and wide chemical resistance
- PES offers lower protein binding as well as higher flow rate
- Built-in glass fiber (100% binder-free borosilicate glass fiber) pre-filter for high particle loading, ideal for difficult to filter liquids

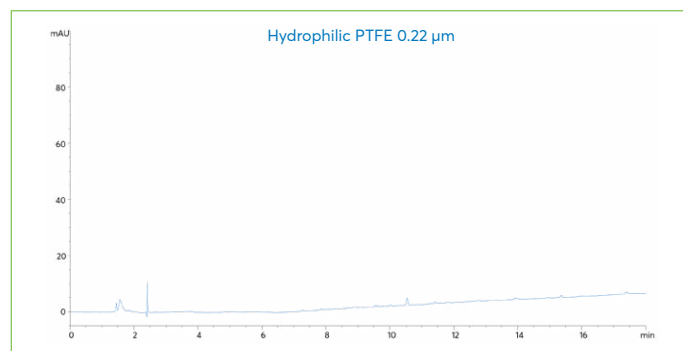


FIGURE 1: Example chromatogram showing minimal extractables

Ordering Information

Membrane Material	Pore Size (µm)	Diameter (mm)	Qty/Pk	Cat. No.
Regenerated cellulose	0.22	13	200	SF02-68
Regenerated cellulose	0.45	13	200	SF02-72
Regenerated cellulose	0.22	25	200	SF02-76
Regenerated cellulose	0.45	25	200	SF02-80
Regenerated cellulose/ glass fiber pre-filter	0.45	25	200	SF02-82
Regenerated cellulose	0.22	30	200	SF02-88
Regenerated cellulose	0.45	30	200	SF02-92
Regenerated cellulose	0.22	13	1000	SF02-70
Regenerated cellulose	0.45	13	1000	SF02-74
Regenerated cellulose	0.22	25	1000	SF02-78
Regenerated cellulose	0.45	25	1000	SF02-86
Regenerated cellulose/ glass fiber pre-filter	0.45	25	1000	SF02-84
Regenerated cellulose	0.22	30	1000	SF02-90
Regenerated cellulose	0.45	30	1000	SF02-94
Nylon	0.22	13	200	SF01-42
Nylon	0.45	13	200	SF01-46
Nylon	0.22	25	200	SF01-50
Nylon	0.45	25	200	SF01-54
Nylon/glass fiber pre-filter	0.45	25	200	SF01-58
Nylon	0.22	30	200	SF01-70
Nylon	0.45	30	200	SF01-74
Nylon	1	30	200	SF01-64
Nylon	0.22	13	1000	SF01-44
Nylon	0.45	13	1000	SF01-48
Nylon	0.22	25	1000	SF01-52
Nylon	0.45	25	1000	SF01-62
Nylon/glass fiber pre-filter	0.45	25	1000	SF01-60
Nylon	0.22	30	1000	SF01-72
Nylon	0.45	30	1000	SF01-76
Nylon	1	30	1000	SF01-68
Glass fiber	1	13	200	SF01-02
Glass fiber	1	25	200	SF01-06
Glass fiber	1	30	200	SF01-10
Glass fiber	1	13	1000	SF01-04
Glass fiber	1	25	1000	SF01-08
Glass fiber	1	30	1000	SF01-12
Hydrophilic PTFE	0.22	13	200	SF01-14
Hydrophilic PTFE	0.45	13	200	SF01-18
Hydrophilic PTFE	0.22	25	200	SF01-22
Hydrophilic PTFE	0.45	25	200	SF01-26
Hydrophilic PTFE/glass fiber pre-filter	0.45	25	200	SF01-28
Hydrophilic PTFE	0.22	30	200	SF01-34
Hydrophilic PTFE	0.45	30	200	SF01-38
Hydrophilic PTFE	0.22	13	1000	SF01-16
Hydrophilic PTFE	0.45	13	1000	SF01-20
Hydrophilic PTFE	0.22	25	1000	SF01-24

Membrane Material	Pore Size (µm)	Diameter (mm)	Qty/Pk	Cat. No.
Hydrophilic PTFE	0.45	25	1000	SF01-32
Hydrophilic PTFE/glass fiber pre-filter	0.45	25	1000	SF01-30
Hydrophilic PTFE	0.22	30	1000	SF01-36
Hydrophilic PTFE	0.45	30	1000	SF01-40
PTFE	0.22	13	200	SF02-32
PTFE	0.45	13	200	SF02-36
PTFE	0.22	25	200	SF02-40
PTFE	0.45	25	200	SF02-44
PTFE/glass fiber pre-filter	0.45	25	200	SF02-46
PTFE	0.22	30	200	SF02-58
PTFE	0.45	30	200	SF02-62
PTFE	1	30	200	SF02-52
PTFE	0.22	13	1000	SF02-34
PTFE	0.45	13	1000	SF02-38
PTFE	0.22	25	1000	SF02-42
PTFE	0.45	25	1000	SF02-50
PTFE/glass fiber pre-filter	0.45	25	1000	SF02-48
PTFE	0.22	30	1000	SF02-60
PTFE	0.45	30	1000	SF02-64
PTFE	1	30	1000	SF02-54
PES	0.1	13	200	SF01-78
PES	0.22	13	200	SF01-82
PES	0.45	13	200	SF01-86
PES/glass fiber pre-filter	0.45	13	200	SF01-88
PES	0.1	25	200	SF01-94
PES	0.22	25	200	SF01-98
PES	0.45	25	200	SF02-04
PES/glass fiber pre-filter	0.45	25	200	SF02-06
PES	0.1	30	200	SF02-16
PES	0.22	30	200	SF02-20
PES	0.45	30	200	SF02-24
PES/glass fiber pre-filter	0.45	30	200	SF02-26
PES	1	30	200	SF02-12
PES	*0.1	13	1000	SF01-80
PES	0.22	13	1000	SF01-84
PES	0.45	13	1000	SF01-92
PES/glass fiber pre-filter	0.45	13	1000	SF01-90
PES	0.1	25	1000	SF01-96
PES	0.22	25	1000	SF02-02
PES	0.45	25	1000	SF02-10
PES/glass fiber pre-filter	0.45	25	1000	SF02-08
PES	0.1	30	1000	SF02-18
PES	0.22	30	1000	SF02-22
PES	0.45	30	1000	SF02-30
PES/glass fiber pre-filter	0.45	30	1000	SF02-28
PES	1	30	1000	SF02-14