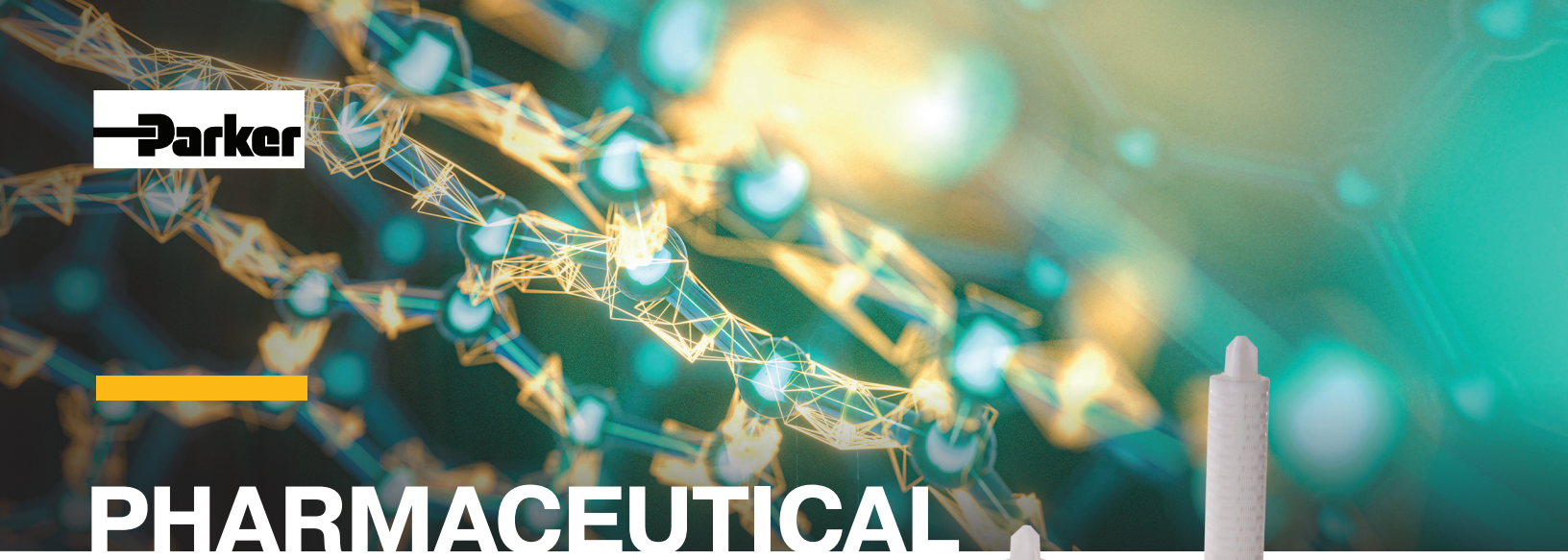


PHARMACEUTICAL FILTRATION



Parker offers an extensive range of microfiltration products for pharmaceutical applications. Featured here are some of our more popular pharmaceutical product families.

Both membrane and depth media products are available with absolute filtration ratings from 0.1 – 100 microns. All cartridges are offered in lengths from 5 – 40 inches, and with a comprehensive end-fitting selection.

For convenience, capsule filters are sized to your needs and are available in two packaging options; pre-sterile and non-sterile. Where required, Parker products are fully validated for your most critical applications.

Our Technical Support and Customer Service Teams are ready to provide effective filtration solutions that best fit your process specifications.

Contact Information

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Bioscience & Water Filtration Division

MEMBRANE FILTERS

PROPOR BR
Polyethersulfone (PES) membrane for bioburden reduction.

PROPOR MR
0.1-micron rated PES membrane for removal of mycoplasma from cell culture media.

PROPOR SG
Low-product-binding PES membrane for sterile liquid filtration.

PROPOR HC
Low-product-binding, high capacity PES membrane for sterile liquid filtration.

CLARIFLOW-B
Bacterial-retentive PES with all-polypropylene components.

CLARIFLOW-P
Sterilizing-grade with double PES layer with all-polypropylene components.

TETPOR LIQUID
PTFE membrane for sterile filtration of solvents.

TETPOR PLUS
All-fluoropolymer construction for filtration of liquids and gases under aggressive conditions.

TETPOR AIR
PTFE membrane for sterile filtration of air & gas.

HIGH FLOW TETPOR II
High-flow PTFE membrane for tank venting and sterile filtration of air & gas.

HIGH FLOW TETPOR XT
High-flow PTFE for high temperature air & gas sterilization.

DEPTH FILTERS

PROCLEAR GF
Glass fiber depth media for high capacity prefiltration of liquids.

PROCLEAR PP
All-polypropylene depth media for particulate removal from liquids for general pharmaceutical clarification duties where chemical compatibility could be an issue.

PROCLEAR PP+
All-polypropylene depth media designed to provide excellent retention and dirt holding capacity.

PEPLYN AIR
Polypropylene depth media for prefiltration of air and gas in high humidity systems.

METALLIC/STEAM FILTERS

PROSTEEL
All-stainless steel construction for filtration under highly aggressive conditions

STEAM FILTERS
316L Stainless Stell filters to achieve up to Culinary Grade filtration of Steam for sterilization or heating

MEMBRANE FILTERS

Pharmaceutical Applications Product Line	Available Configurations	Validation Guide	Filter Ratings (microns)	Retention Efficiency	Typical Applications
PROPOR BR	Cartridges Disposable Capsules	Yes	0.2	LRV>5	• Bioburden reduction of LVPs • General Prefiltration
PROPOR MR	Cartridges Disposable Capsules	Yes	0.1	LRV 10 *A. laidlawii	• Removal of mycoplasma and other diminutive micro-organisms
PROPOR SG	Cartridges Disposable Capsules	Yes	0.2	LRV>7	• Sterile filtration of liquids
PROPOR HC	Cartridges Disposable Capsules	Yes	0.2	LRV>7	• Sterile filtration of difficult-to-filter liquids where high throughput is required
CLARIFLOW-B	Cartridges Disposable Mini Capsule	Yes	0.1-0.8	LRV>7 *w/ Insert	• Sterile Filtration for buffer solutions
CLARIFLOW-P	Cartridges Disposable Mini Capsule	Yes	0.1-0.2	LRV>7	• Sterile filtration of liquids w/double layer
TETPOR LIQUID	Cartridges Disposable Capsules	Yes	0.1 – 1.0	LRV>7	• Sterile filtration of solvents
TETPOR PLUS	Cartridges	Yes	0.1 – 1.0	LRV>7 *In Liquid	• Filtration of aggressive solvents • Venting of ozonated water system tanks
TETPOR AIR	Cartridges Disposable Capsules	Yes	0.2	LRV>7 *In Liquid	• Sterile filtration of air and gases for point of use and critical processes
HIGH FLOW TETPOR II	Cartridges	Yes	0.2	LRV>7 *In Liquid	• High flow capacity for tank venting and sterile filtration of air and gases
HIGH FLOW TETPOR XT	Cartridges	Yes	0.2	LRV>7 *In Liquid	• High temperature sterile gas

DEPTH FILTERS

Pharmaceutical Applications Product Line	Available Configurations	Validation Guide	Filter Ratings (microns)	Retention Efficiency	Typical Applications
PROCLEAR GF	Cartridges Disposable Capsules	Yes	0.6 – 10	ß5000	• Prefiltration and bioburden reduction of difficult-to-filter liquids
PROCLEAR PP	Cartridges Disposable Capsules	Yes	0.6 – 100	ß5000	• Particulate removal from liquids
PROCLEAR PP+	Cartridges MURUS Capsules	Yes	0.5um, 0.6um & 1.0um	ß5000	• Particulate removal from liquids • Optimized depth construction for particle removal from liquids
PEPLYN AIR	Cartridges Disposable Capsules	No	1.0, 5.0	ß5000	• Prefiltration of air and gas in high humidity systems

METALLIC/STEAM FILTERS

Pharmaceutical Applications Product Line	Available Configurations	Validation Guide	Filter Ratings (microns)	Retention Efficiency	Typical Applications
PROSTEEL	Cartridges	No	3.0 – 100	99.9% - 90%	• Filtration of aggressive solvents • Filtration of high temperature solutions
STEAM FILTERS	Cartridges	No	1.0 – 25	99.9% *Steam	• Filtration of Steam

Parker

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