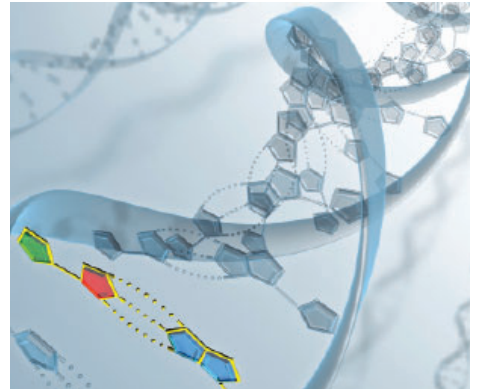


Pharmaceutical Filtration

Microfiltration Products for Bioprocess Applications



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

Contact Information

Parker-Hannifin Corporation
Bioscience & Water Filtration Division
2340 Eastman Avenue
Oxnard, California, USA 93030

toll free +1 877 784 2234

phone +1 805 604 3400

fax +1 805 604 3401

bwf.oxn.support@support.parker.com

www.parker.com/bioscience



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

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 and gas

HIGH FLOW TETPOR HT

High-flow PTFE for high temperature air and gas sterilization

DEPTH FILTERS

PROCLEAR GF

Glass fiber depth media for high capacity prefiltration of liquids

PROCLEAR GP

Combined glass fiber and polypropylene depth media for high capacity filtration of liquids

PROCLEAR PP

All-polypropylene depth media for particulate removal from liquids

PEPLYN AIR

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

METALLIC MEDIA FILTERS

PROSTEEL

All-stainless steel construction for filtration under highly aggressive conditions



ENGINEERING YOUR SUCCESS.

| Pharmaceutical Applications Product Line | Available configurations | Validation guide | Filter ratings (microns) | Retention rating | Typical applications |
|--|-----------------------------------|------------------|--------------------------|------------------|---|
| MEMBRANE FILTERS | | | | | |
| PROPOR BR | Cartridges Disposable Capsules | Yes | 0.2 | LRV>5 | <ul style="list-style-type: none"> • Bioburden reduction of LVPs • General Prefiltration |
| PROPOR MR | Cartridges Disposable Capsules | Yes | 0.1 | Absolute | <ul style="list-style-type: none"> • Removal of mycoplasma and other diminutive micro-organisms |
| PROPOR SG | Cartridges Disposable Capsules | Yes | 0.2 | Absolute | <ul style="list-style-type: none"> • Sterile filtration of liquids |
| PROPOR HC | Cartridges Disposable Capsules | Yes | 0.2 | Absolute | <ul style="list-style-type: none"> • Sterile filtration of difficult-to-filter liquids where high throughput is required |
| TETPOR LIQUID | Cartridges Disposable Capsules | Yes | 0.1 – 1.0 | Absolute | <ul style="list-style-type: none"> • Sterile filtration of solvents |
| TETPOR PLUS | Cartridges | Yes | 0.1 – 1.0 | Absolute | <ul style="list-style-type: none"> • Filtration of aggressive solvents • Venting of ozonated water system tanks |
| TETPOR AIR | Cartridges Disposable Capsules | Yes | 0.2 | Absolute | <ul style="list-style-type: none"> • Sterile filtration of air and gases for point of use and critical processes |
| HIGH FLOW TETPOR II | Cartridges | Yes | 0.2 | Absolute | <ul style="list-style-type: none"> • High flow capacity for tank venting and sterile filtration of air and gases |
| HIGH FLOW TETPOR HT | Cartridges | Yes | 0.2 | Absolute | <ul style="list-style-type: none"> • High temperature sterile gas |
| DEPTH FILTERS | | | | | |
| PROCLEAR GF | Cartridges Disposable Capsules | Yes | 0.6 – 10 | B5000 | <ul style="list-style-type: none"> • Prefiltration and bioburden reduction of difficult-to-filter liquids |
| PROCLEAR GP | Cartridges Disposable Capsules | Yes | 0.5 , 0.6 | B5000 | <ul style="list-style-type: none"> • Prefiltration and bioburden reduction of difficult-to-filter liquids |
| PROCLEAR PP | Cartridges Disposable Capsules | Yes | 0.6 – 100 | B5000 | <ul style="list-style-type: none"> • Particulate removal from liquids |
| PEPLYN AIR | Cartridges Disposable Capsules | No | 1.0, 5.0 | B5000 | <ul style="list-style-type: none"> • Prefiltration of air and gas in high humidity systems |
| METALLIC MEDIA FILTERS | | | | | |
| PROSTEEL | Cartridges | No | 3.0 – 100 | Nominal | <ul style="list-style-type: none"> • Filtration of aggressive solvents • Filtration of high temperature solutions |

