

Food & Beverage Applications

Reference guide for filtration products



Parker domnick hunter filtration products set the highest standards for filtrate quality, product reliability and cost-effective use. Since 1963, the company has worked hand in hand with leading industry manufacturers to develop a specific product range for food and beverage applications.

Parker domnick hunter products are available in lengths from 5 to 40 inches and configurations to retrofit all common filter housings. Membrane and depth media are available in a full range of cartridges, mini-cartridges and capsules to meet production-, pilot- and laboratory-scale requirements. Removal ratings from 0.2 to >100 µm are available. Liquid and gas integrity test equipment is also available.

All Parker products are backed by in-depth Technical Support, fast order turnaround and factory-trained local Distributors.

DEPTH MEDIA FILTERS



Melt Blown Filters: Low cost pre-filtration for DI water & RO systems

Avasan™ - Polypropylene

Fulflo® DuraBond™ - Polyolefin

String Wound Filters: Economical coarse filtration for a wide variety of applications.

Fulflo® Honeycomb - Various media

Fulflo® SWC - Various media

BAG FILTERS



Fulflo® Filter Bags - Various materials

Fulflo® Pleated Bags - Polypropylene in various cartridge configurations

Fulflo® XLH (High efficiency bags)
Polypropylene

SORBENT FILTERS



Carboflow - Activated extruded carbon for reduction of chlorine and chloroform

Fulflo® Activated Carbon - Activated granular carbon for removal of chlorine, odor and dissolved organics from potable water plus 5 micron particle removal

METALLIC FILTERS



Steam Filter - Culinary grade sintered and pleated 316L stainless steel

PLEATED FILTERS



Bevpor - Polyethersulfone (PES) pleated membrane filters for final membrane filtration and guaranteed bacterial reduction

Bio-X II - Air/gas sterilization pleated borosilicate microfiber media filter

Fulflo® MaxGuard™ - Large diameter polypropylene pleated depth media

Fulflo® ParMax™ - Large diameter polypropylene pleated depth media

Fulflo® ParMax™ Select - Large diameter polypropylene pleated depth media

High flow Bio-X - Air/gas sterilization pleated PTFE impregnated borosilicate microfiber media filter for high flow applications

High flow Tetpor II - Air/gas sterilization pleated PTFE membrane filter

Peplyn - Graded density polypropylene pleated depth media

Prepor - Prefiltration pleated depth media in glass microfiber, glass microfiber with polypropylene, and all polypropylene

Tetpor Air - Economical air/gas sterilization pleated hydrophobic expanded PTFE membrane filter

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INTEGRITY TEST EQUIPMENT

Liquid & Gas

Valairdata III - Aerosol challenge testing of sterile gas filters

Bevcheck - Economical hand held unit utilizing diffusional flow calculations

Bevcheck Plus - Automated integrity test unit with built in printer



FILTER HOUSINGS



SANITARY AIR/GAS HOUSINGS

HSA

Internal finish- 0.4 µm Ra
External finish- 0.8 µm Ra

HBA - Wide choice of inlet and outlet connections

TANK VENTS

HSV

Open vent housing
Choices of finish available

HBA

Closed tee port air/gas
Choices of finish available



PREFILTRATION HOUSINGS

Fulflo® CB

Available in 304 stainless

Fulflo® SB

Available in 304L & 316L stainless

Fulflo® FB

Available in 316L stainless

Fulflo® ParMax

Available in 304L & 316L stainless

LIQUID HOUSINGS

HSL

Internal finish - 0.4 µm Ra
External finish - 0.25 µm Ra

HIL

Internal finish - As welded
External finish - 0.8 µm Ra
Electropolished option

VSH

3-30 round multi-round housing range
Internal finish - <0.8 µm Ra
External finish - mechanically polished

STEAM HOUSINGS

VIS

Jumbo HIGH FLOW steam vessels
Internal finish - 0.8 µm Ra
- 100% pickled & passivated
External finish - Grit blast 5 µm Ra

HBA-HP

Industrial air / gas
Choices of finish available

Filtration applications

Wine

Beer

Bottled water

Beverages

Distilled spirits

Cultured food products

Sweeteners

Flavors and colors

Product makeup water/rinse water

Carbonation

Bacteria removal

Prefiltration

Venting

Steam filtration

Gel removal

Haze removal

Sediment removal

Clarification

Sterile Filtration

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