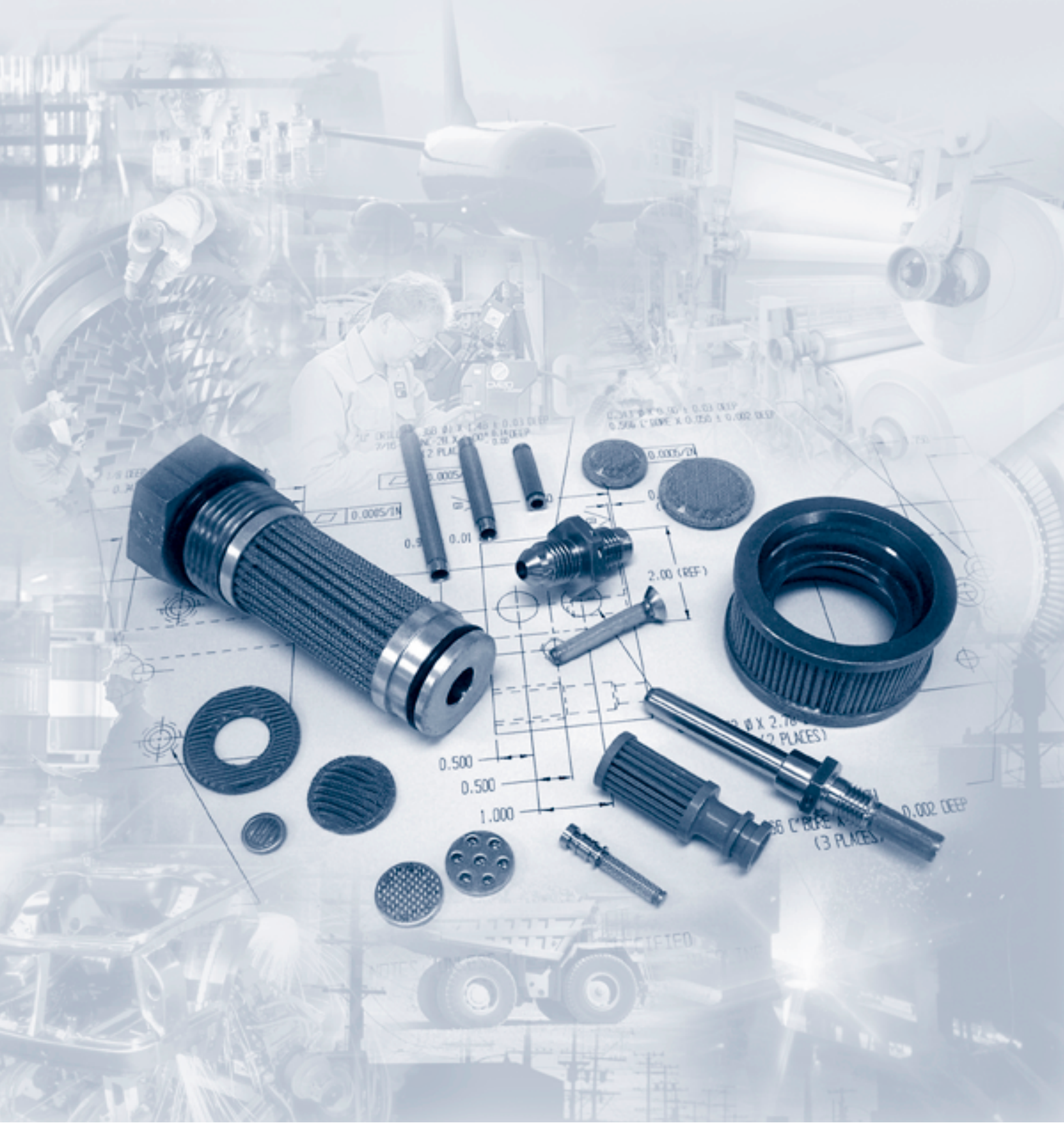
Specialty Industrial MicroFiltration Products

*A comprehensive range of fine filtration products for complete **syste**m protection*

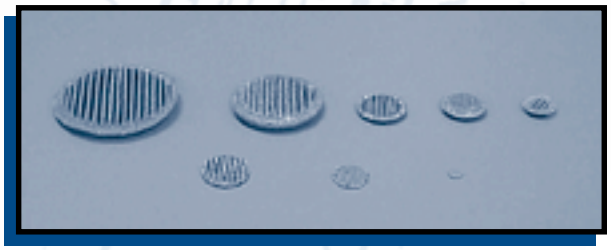


Parker's Microfiltration products are designed to perform a highly specialized contamination control function by protecting expensive components and controls. These "built-in" elements are complementary to conventional filtration systems, and their prime function is to provide "last chance" protection to sensitive and critical components of a specific operating system.

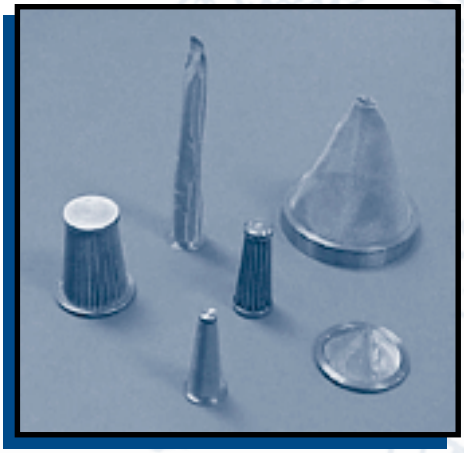
These filters remove larger particles from the flow stream after the main system filter. Therefore, careful specification and design are required to provide optimum performance, minimum size and lowest cost.



MI Series



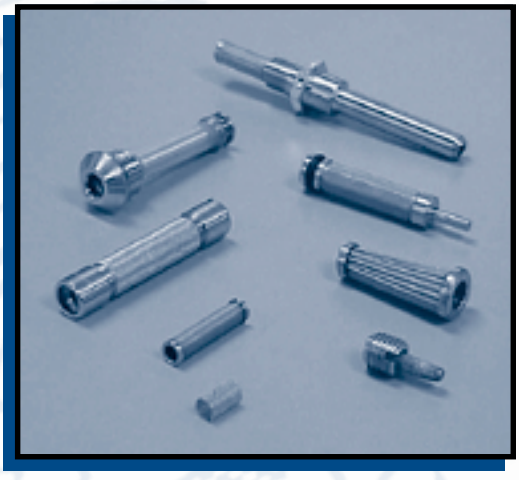
PLD Series



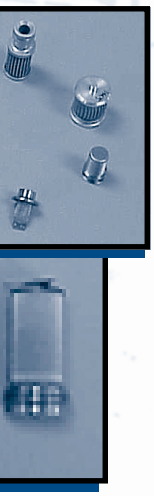
CI Series



ILN Series

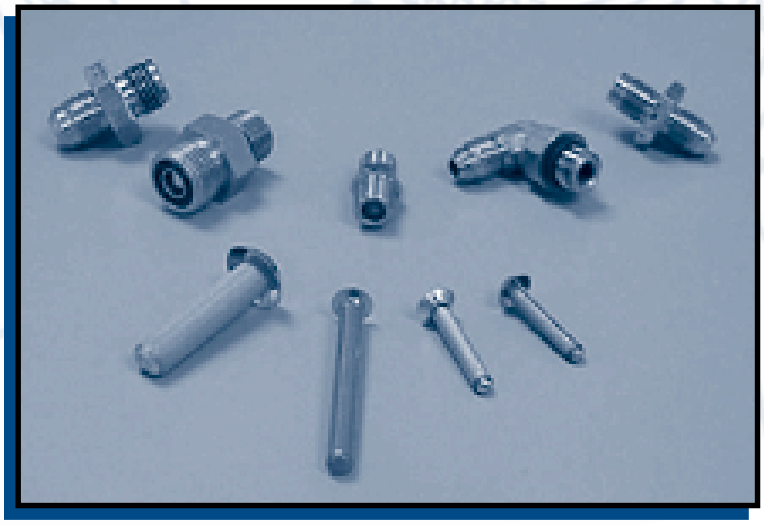


PIF Series





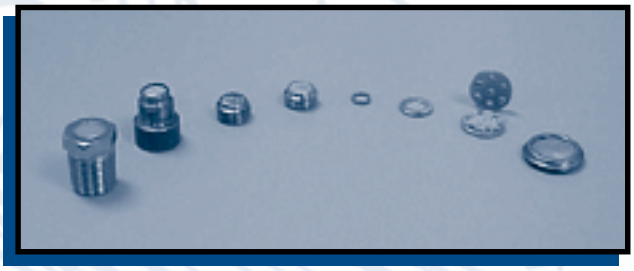
RF Series



GG Series



FF Series



VF Series

Parker's Microfiltration Specialty Elements are precision miniature filters and strainers designed to provide "last chance" protection to sensitive and critical components of Hydraulic, Fluidic, Aeronautical, Pharmaceutical equipment, and more.

A P P L I C A T I O N S

- Actuators — Hydraulic & Air rotary & linear
- Variable speed drives
- Hydraulic power packs
- Air & Hydraulic test pumps
- Hydraulic high piston pumps
- Hydraulic rotary & vane pumps
- Hydraulic variable delivery pumps
- Remote control mechanisms
- Hydraulic servo systems
- Hydraulic servo valves
- Steering gears
- Hydraulic test stands
- Hydraulic test rigs
- Hydrostatic transmissions
- Air high pressure valves
- Hydraulic copying valves
- Hydraulic direction flow & speed control valves
- Hydraulic flow dividing valves
- Hydraulic pilot operated valves
- Fuel lines & systems
- Lubricating systems
- Engine Bleed-Air systems
- Instrumentation
- Sampling machines
- Laboratory instruments
- Ground support equipment
- Probes
- Exhaust pipes
- Filling machines
- Monitoring equipment
- Gas analyzers

And many other applications!

Unique and advanced design and manufacturing techniques allow the production of filters in a wide range of shapes including cylindrical, conical, corrugated and other geometries. Technical assistance can be provided from the outset, to ensure that the installed filter is the right one for the system. In fact, units can be designed and engineered to meet specific application requirements.

Filter Type	Operating Pressure	Operating Temperature	Material Construction	Filtration Rating Range	Compatibility	Cleanable[3]	Disposable[3]
FF Series	Minimum burst for fitting	-40°F — 250°F (Buna) -10°F — 350°F (FKM[2])	Steel Stainless Steel Aluminum Brass	15-350µm absolute	All conventional fluids	α	α
PIF Series	C.F.[1]	-40°F — 250°F	Stainless Steel	15-350µm absolute	All conventional fluids	α	α
MI Series	To 6,000 psi max.	-40°F — 250°F (Buna) -10°F — 350°F (FKM)	Steel Stainless Steel Aluminum	15-350µm absolute	All conventional fluids	α	α
ILN Series	To 6,000 psi max.	-40°F — 250°F (Buna) -10°F — 350°F (FKM)	Stainless Steel Aluminum Brass	15-350µm absolute	All conventional fluids	α	α
RF Series	C.F.	-40°F — 350°F	Stainless Steel Aluminum Brass	15-350µm absolute	All conventional fluids	α	α
PLD Series	C.F.	-40°F — 350°F	Stainless Steel	15-350µm absolute	All conventional fluids	α	α
VF Series	C.F.	-40°F — 350°F	Steel Stainless Steel Aluminum Brass	15-350µm absolute	All conventional fluids	α	α
GG Series	C.F.	-40°F — 350°F	Stainless Steel	15-350µm absolute	All conventional fluids	α	α
CI Series	C.F.	-40°F — 350°F	Steel Stainless Steel Aluminum Brass	15-350µm absolute	All conventional fluids	α	α

[1]C.F. = Consult Factory [2]FKM = Fluorocarbon seals [3]α = Available

Filter Elements

Pleated Construction

- Welded
- Clinched end caps
- Epoxy bonded

Factors to consider when specifying a micro filter include:

- Absolute filtration rating
- Realistic clean pressure drop at normal operating conditions, and at the low temperature extreme expected
- Element collapse differential pressure
- Envelope size and positions available
- Fluid system materials and processes

Parker Filtration

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