

Long Life. Superior Quality.

Microgard™ Cartridges for highest efficiency available

Microgard cartridges feature three filtration layers: outer cellulose media layer for coarse filtration; an intermediate glass media for micro-filtration; and an inner cellulose-media layer for added support.



Typical Applications Include:

- Close tolerance hydraulic
- Refrigeration compressors (tube & coolant)
- Gas turbines
- Centrifugal lubrication couplings
- High-pressure fluid filtration
- Test stands

Cartridge Dimensions	Fits Centerpost	Max. Flow @ 3 PSID w/200 SUS Fluid	Micron Rating
3"x10" to 7"x18"	3/4" to 3"	3 to 20 GPM	1 to 5 microns

Safeguard™ Cartridges

Safeguard single-layer pleated paper cartridges are economical for use in applications requiring general rather than fine particulate filtration. These disposable cartridges feature molded urethane ends on 3"x10", 5"x11", 5"x18" sizes and zinc-plated metal end caps on 7"x18" size with controlled-radius pleats to maximize filtration area.



Typical Applications Include:

- Hydraulic systems
- Test stands
- Diesel, gas, or dual fuel engines
- Compressors
- Paper machines
- Turbo chargers
- Low-pressure hydraulic
- Turbine lube
- Bearings

Cartridge Dimensions	Fits Centerpost	Max. Flow @ 3 PSID w/200 SUS Fluid	Micron Rating
3"x10" to 7"x18"	3/4" to 3"	10 to 60 GPM	10 to 50 microns

Pleated Synthetic Media PH Cartridges have polyester reinforced glass fibers for maximum flow

These durable cartridges stand up to continued use without softening and deterioration caused by exposure to water. The key is an advanced synthetic media that provides maximum filtration with minimum pressure drop. In addition to the standard flow-rate series, we also offer a special series of high-flow 7"x20" and 7"x39" PH Filter Cartridges. These allow you to replace many non-synthetic industry-standard 718- or 310-style cartridges with just one high-flow PH cartridge. This can mean a 50% reduction of first cost and also greatly simplified changeouts.

Typical Applications Include:

- Diesel, gas or dual fuel engine turbine lube



Cartridge Dimensions	Fits Centerpost	Max. Flow @ 3 PSID w/200 SUS Fluid	Micron Rating
3"x10" to 8"x39"	3/4" to 3"	400+ GPM	1 to 100 microns