



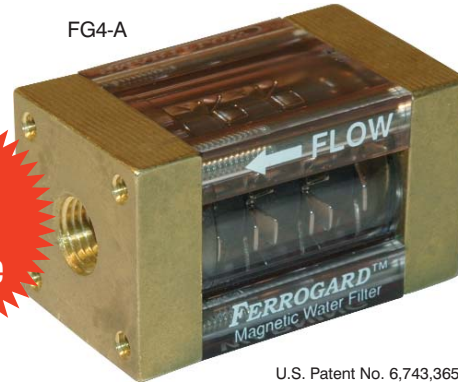
FERROGARD™ Magnetic Water Filter

Smartflow magnetic water filters catch and hold tramp metal in water/hydraulic systems



SMARTFLOW MAGNETIC WATER FILTERS...

- Reduced hot spots in tooling resulting in more consistent molded part quality
- Reduced tool and hydraulic system maintenance
- Less fluid/additive consumption
- Negligible pressure drop
- Decreased wear in pumps, heaters and chillers
- Helps keep bubblers and baffles clear



210°F Temperature Rating

100 psi Pressure Rating

Easy to Clean!

U.S. Patent No. 6,743,365
EU Patent No. 1,076,601

Smartflow® Ferrogard™ Filter removes contaminant particles smaller than one micron from process cooling fluids and hydraulic systems. This includes the smallest and most abrasive particles that are responsible for the destructive chain reaction of wear.

Injection molds often have small cooling water paths that are easily blocked by rust and machining debris. Cooling lines incorporating bubblers and baffles are particularly susceptible to blockage from rust and corrosion traveling through water lines. A Ferrogard installed in the incoming water path will trap these metallic contaminants before they enter a mold, keeping your internal cooling passages clear during processing.

Used in injection molding cooling water and hydraulic systems, the Ferrogard extends the life of injection molds, manifolds, hoses, pumps, heaters, and chillers that are vulnerable to wear caused by fine ferrous debris.

The Process

The Ferrogard allows process fluid to pass through wide flow channels with negligible pressure drop. As the fluid flows through the field effect areas, ferrous particles are drawn into the collection zones. These zones hold significantly more contaminant than a conventional filter - without obstructing fluid flow or risking "wash-off". Therefore, the Ferrogard is effective for extended periods without service and is easily replaced as needed.



Inlet Sizes - 1/4", 3/8" & 1/2"

Rugged, wetted parts are compatible with many process liquids

End Caps.....	Brass
Body.....	Polysulfone
Plates.....	Nickel Plated Steel
O-Rings.....	EPDM
Magnets.....	C5/C8 Ferrite

SPECIFICATIONS

Operating Temperature.....	210°F (99°C) max.
Operating Pressure.....	100 psi (6.9 bar) max.

DIMENSIONS (Inches)

	1/4", 3/8", 1/2"
Length.....	.2625
Width.....	1.50
Height.....	1.50

Brass End Caps (1/4", 3/8" & 1/2")

Item #	Model #	Thread	Price
143549	FG2-A	1/4" NPT	\$55.00
143550	FG3-A	3/8" NPT	55.00
143551	FG4-A	1/2" NPT	55.00

Replacement Cores (One size fits all)

Item #	Model #	Price
143552	FG-CORE	\$25.00



ALL IN STOCK for Same Day Shipment

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