



PF SERIES
Polyester Pleated Cartridges

Hydro Guard™ PF Series Polyester Pleated Cartridges

Data Sheet

Hydro Guard™ PF Series Polyester Pleated Cartridges

are manufactured from durable polyester to provide you with a superior pleated cartridge that is washable and reusable. The Polyester media is pleated around a Polypropylene core for added strength and the ends are immersed in a thermosetting Vinyl Plastisol which fuses the three components together forming a unified end cap and gasket. The cartridges are bacteria and chemical resistant and provide great dirt holding capacity to extend the time between cartridge change outs.

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are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. PF series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.



- ✓ Manufactured from durable Polyester
- ✓ Made with FDA CFR 21 approved material
- ✓ NSF standard 42, 61 & 372 certified
- ✓ Bacteria and chemical resistant
- ✓ Washable and reusable



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS								
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	HDGP-PF-2510-01	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	40	13 x 11 x 21	14	6.35
	HDGP-PF-2510-05	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	40	13 x 11 x 21	14	6.35
20"	HDGP-PF-2520-01	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	20	13 x 11 x 21	14	6.35
	HDGP-PF-2520-05	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	20	13 x 11 x 21	14	6.35

4.5" DIAMETER SPECIFICATIONS								
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	HDGP-PF-4510-01	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	12	14 x 10 x 21	12	5.44
	HDGP-PF-4510-05	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	12	14 x 10 x 21	12	5.44
20"	HDGP-PF-4520-01	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	6	14 x 10 x 21	9	4.08
	HDGP-PF-4520-05	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	6	14 x 10 x 21	9	4.08

*WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



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Polyester pleated filters are highly effective for removing dirt, sand, silt, and sediment, and they work well as pre-filters in larger systems. Their increased surface area gives them a significant edge over other depth-type sediment filters, providing a longer lifespan. Additionally, their lower pressure drop enhances flow rates and enables the use of smaller filter housings, reducing equipment expenses. Further cost savings come from their durable, 100% synthetic filter media, which can be cleaned (for filters with five microns and larger), minimizing the need for frequent cartridge replacements.



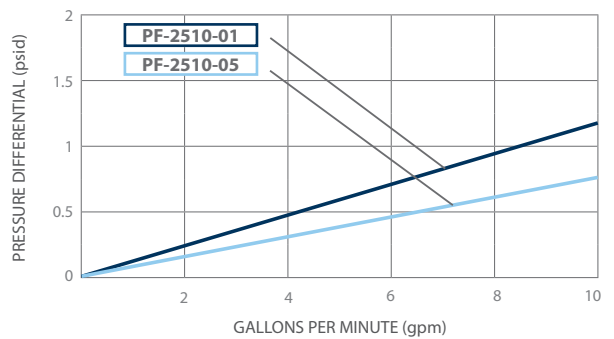
MATERIALS OF CONSTRUCTION

Filter Media: Non-woven Polyester
 End Caps: Vinyl Plastisol
 Core: Polypropylene

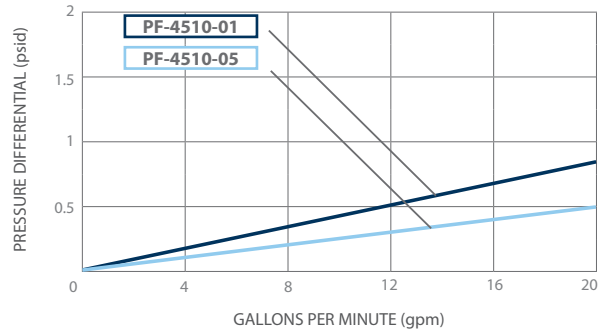
TEMPERATURE RATING

Temperature Range: 40 °F to 125 °F (4.4 °C to 51.7 °C)

PF-25 PERFORMANCE



PF-45 PERFORMANCE



PF SERIES FLOW RATES

Microns	2.5" x 9 7/8"	2.5" x 20"	4.5" x 9 7/8"	4.5" x 20"
1	4	8	15	30
5	7	14	20	40

Flow Rates in gpm.

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