



Puretec PX-H Series

High Performance Polyspun Sediment Cartridge

The Puretec PX-H Series high performance cartridges are designed for the more demanding of applications where low pressure drops and high dirt holding capacity is required.

PX-H Series cartridges are compatible with most liquids and are highly effective for sediment, rust, sand, silt and algae removal. These cartridges are designed for purity and will not impart taste, odour or colour to the liquid being filtered. Additionally, the polypropylene construction provides superior chemical resistance and is not prone to bacterial attack.

The PX-H Series graded density filter matrix design, means that the filter progressively gets more dense towards the center of the filter. This “graded density” construction allows larger particles to be trapped near the surface while smaller particles penetrate the larger open areas to be trapped nearer the center of the filter in the smaller openings.

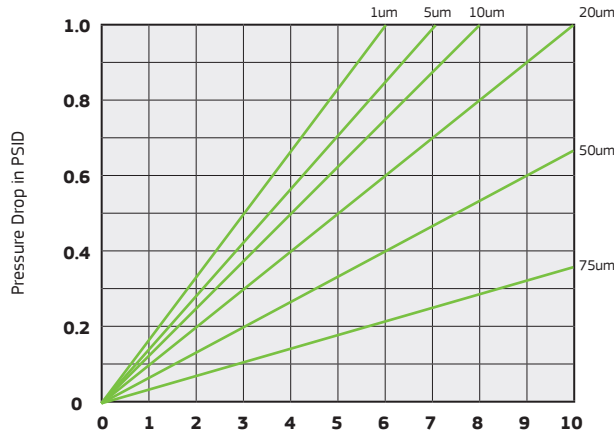
The unique design performance characteristics of the PX-H Series cartridges make them an excellent choice for many applications.

Features and Benefits

- Retention ratings from 0.5 to 75 microns
- Graded pore structure increases dirt holding capacity and filtration efficiency
- Proprietary center core for greater mechanical strength
- Easy and safe cartridge incineration or disposal -100% Polypropylene construction
- Free of surfactants, binders, anti-static agents and adhesives
- All materials are FDA Listed for Food and Beverage Contact
- Double open end and single open end cartridge configurations available

Cartridge Specifications and Performance Data

Liquid Flow Rate vs. Initial Differential Pressure



Flow rate is per 10" cartridge. For liquids other than water, multiply the pressure drop by the fluid viscosity in centipoises

Ordering Code	Size inches	Micron Rating	Diameter	Description	Flow Rate (Lpm)
PX 011-H	10"	1	standard	high performance polyspun	29
PX 051-H	10"	5	standard	high performance polyspun	30
PX 101-H	10"	10	standard	high performance polyspun	33
PX 201-H	10"	20	standard	high performance polyspun	34
PX 501-H	10"	50	standard	high performance polyspun	39
PX 751-H	10"	75	standard	high performance polyspun	41
PX 012-H	20"	1	standard	high performance polyspun	58
PX 052-H	20"	5	standard	high performance polyspun	60
PX 102-H	20"	10	standard	high performance polyspun	66
PX 202-H	20"	20	standard	high performance polyspun	68
PX 502-H	20"	50	standard	high performance polyspun	78
PX 752-H	20"	75	standard	high performance polyspun	82

Materials of Construction

- Filter Media: Polypropylene
- Center Core: Polypropylene
- End Caps: Polypropylene
- Extended Core: Polypropylene
- Gaskets/O-Rings: Silicone, Buna-N, Viton , EPDM

Operating Conditions

- Max. Operating Temperature: 185°F (85°C)
- Recommended Change Out Differential Pressure: 35 psid (2.4 bar)

Dimensions

- Outside Diameter: 2.5" (63mm)
- Inside Diameter: 1.1" (28mm)
- Lengths: 10" to 20"

Puretec water care products are designed, manufactured and supported by Puretec Pty Ltd the name you can trust for viable and proven water solutions. All pictures and information are supplied as a guide only. The complete range of Puretec products are developed, refined, made to meet and exceed stringent specifications for the worldwide market. Please ring to confirm details.

Important Note: Sales of products are subject to our Terms and Conditions which are available upon request. Do not use products with microbiologically unsafe water without adequate disinfection. Under normal circumstances a pressure limiting valve is not required. If incoming water pressure is excessive it may however be necessary to install an approved pressure limiting valve to be fitted in line to prevent excessive running on as pressure is relaxed from the system after the tap is turned off. Maximum flow depends on cartridges, vessel, pressure, impurities etc.