

Advanced Industrial Grade

Depth filter for industrial & Biotech applications



features and benefits

- Outstanding value for Industrial applications.
- Z.Plex patented technology
- True graded-density media traps larger particles near the surface and smaller particles near the center; maximizing particle capture
- Enhanced dirt holding capacity
- No resin binders, lubricants, antistatic or release agents
- Made in USA

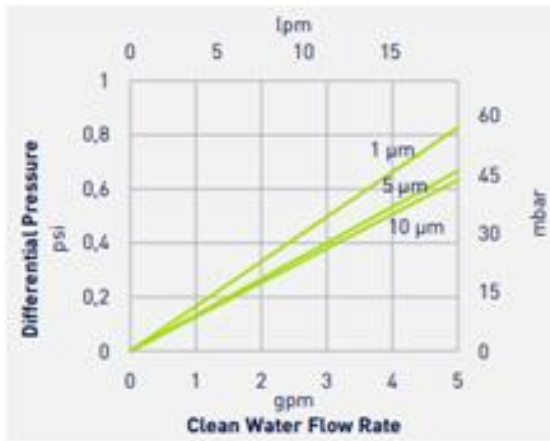
applications

- Industrial general use
- Commercial filtration
- Industrial chemical filtration
- Potable water pre-filtration.
- Food and Beverage manufacturing.

specifications

Table 1: Specifications and performance information

Ratings (nominal)	1, 5, 10, 20, 30 microns	
Inner Diameter (nominal)	1 in. (2.5 cm)	
Outer Diameter	2.5 in. (6.4 cm)	
Lengths		
	10 in. (25.4 cm)	30 in. (76.2 cm)
	20 in. (50.8 cm)	40 in. (101.5 cm)
<i>Other lengths may be available upon request</i>		
Materials of Construction		
	Filter media	Polypropylene
	Adapters	Polypropylene
Performance Conditions		
	Maximum pressure drop:	35 psid (2.4 bar) @77F (25 C)
	Recommended change-out pressure drop:	20 psid (1.4 bar) @77F (25 C)



Graph 1: Performance of Advanced Industrial Grade in a clean water based on a 10in length filter.

quality

Advanced Industrial Grade Z.Plex filters are manufactured under a quality management system that has been certified to meet ISO 9001 standards. Each filter is assigned a lot code to ensure traceability of the data and materials used in the manufacturing process.

certifications

Advanced Industrial Grade cartridge filters meet:

- U.S. FDA 21CFR 177.1520 Food contact requirements.
- Article 3 of the EU Framework Regulation No. 1935/2004/EC safety requirements.
- EU plastics Regulation No 10/2011 (may be used as intended in all compliant EU Member states)
- USP class VI-121°C Plastics
- NSF 61
- ISO 9001

PW filter cartridges are designed and manufactured for resistance to a wide range of chemical solutions. Conditions will vary with each application and users should carefully verify chemical compatibility. Please contact your PW representative for more information.

ordering information

Replace the numbers with your desired values from each column. Columns 3 and 4 are optional depending on the desired configuration.

Example: AIG.Z 05-20-XK

AIG.Z 1 2 3 4

Table 2: Ordering Information

	1	2	3	4
Type	Micron Rating, (Nominal)	Cartridge Length inches (cm)	End #1 Adapter	End #2 Adapter
AIG.Z	01= 1 µm 05 = 5 µm 10 = 10 µm 20 = 20 µm 30 =30 µm	10 in. (25.4) 20 in. (50.8) 30 in. (76.2) 40 in. (101.6) <i>Note: Filters 10" and less, are Paper Wrapped. All other lengths are Bulk packaged.</i>	X = Standard plain end (no gasket) <i>Note: XX = Double Open End (DOE). The XX do not appear in the part number description. Other end adaptations may be available upon request</i>	K = Self Seal Spring X = Standard plain end (no gasket)



Made in USA



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