

Filterplex.Z*

FACT SHEET

Filterplex.Z* (FP.Zs) depth filter for exceptional value in general applications



Features and Benefits

- Ideal for municipal water prefiltration and highly suitable for general applications
- Graded density traps particles throughout
- Lower initial pressure drop than conventional depth filters
- Filter composition contains no binders, lubricants, antistatic or release agents

Applications

- Municipal water systems pre-filtration (NSF 61)
- General industrial use
- Ground or surface water prefiltration
- Potable water filtration (NSF 61)
- Commercial filtration
- Chemical filtration

Specifications

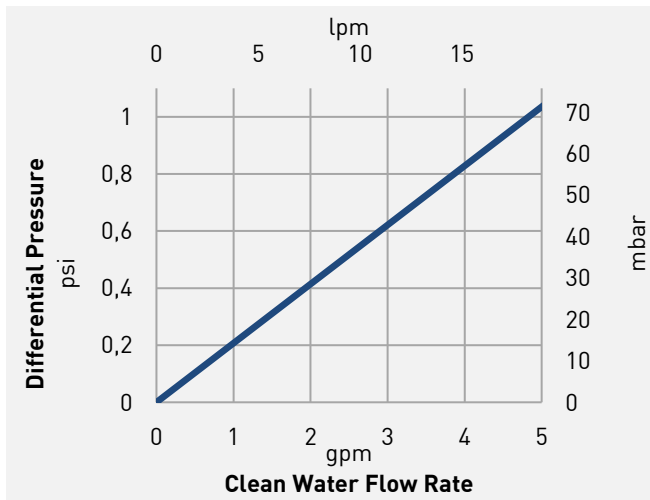
Table 1: Specifications and performance information

Ratings	1, 5 microns (nominal rated)
Inner Diameter (nominal)	1 in (2.5 cm)
Outer Diameter	2.46 in (6.2 cm)
Lengths	See Table 3: ordering information
Materials of Construction	
Filter Media	Polypropylene
Spring Adapter option	Polypropylene
Performance Conditions	
Flow:	Exterior to interior
Maximum pressure drop:	35 psid (2.4 bar) @ 77°F (25°C)
Recommended change-out pressure drop:	20 psid (1.4 bar) @ 77°F (25°C)

Efficiency Information

Absolute-rated filters have been designed and tested to reject at least 99% of particles of the listed micron size. Nominal-rated filters have a wider distribution of pore sizes and therefore a wider distribution of rejected particle sizes.

The nominal rating is primarily used to compare efficiencies across a filter family and between filter manufacturers. Efficiency is dependent on particle shape, size, composition, application, and testing protocol.



Graph 1: Filterplex.Z clean water flow rate based on a 10 in length filter. Pressure drop vs flow curve is the same for both 1 and 5micron ratings.

Quality

Filterplex.Z filters are manufactured under a quality management system. Each filter case has a packaging code that enables tracing of the filters to a production date and shift.

Certifications

- U.S. FDA 21 CFR 177.1520
- EU Framework Regulation No. 1935/2004/EC
- EU Plastics Regulation No. 10/2011
- Polypropylene meets USP class VI-121°C Plastics criteria
- NSF/ANSI/CAN Standard 61 certification
- ISO 9001:2015 certified processes

Veolia 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 Veolia representative for more information.

Ordering Information

See Table 2 below. Replace the numbers with your desired values from each column. Omit columns 3 and 4 if code is XX

Examples:

FP.Zs01-40-XK-PW

FP.Zs05-500MM-B



Table 2: Ordering information

Type	1 Micron Rating (nominal)	2 Cartridge Length	3 End #1 Adapter	4 End #2 Adapter	5 Packaging
FP.Zs	01 = 1 µm 05 = 5 µm	10 in (25.4 cm) 20 in (50.8 cm) 30 in (76.2 cm) 40 in (101.6 cm) 50 in (127 cm) 500MM millimeter 750MM millimeter 1000MM millimeter	X = Standard Plain End (no gasket)	K = Self Seal Spring X = Standard Plain End (no gasket)	B = Bulk PW = Paper Wrap (not available in 50in)

Veolia Water Technologies
Please contact us via:
www.veoliawatertechnologies.com

