

Purtrex* Plus Depth Cartridge Filters

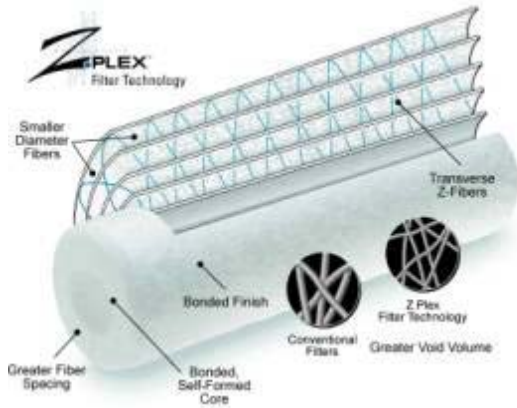


Figure 1 : Purtrax Plus Depth Cartridge Filters Use Z.Plex* Filter Technology

Description and Use

The Purtrax Plus depth filter, is an exceptional value for general applications where long life, high purity and low change-out frequency are required. Produced through GE Water & Process Technologies' patented Z.Plex* filter manufacturing technology (Figure 1), Purtrax Plus is a 100% pure polypropylene depth filter with excellent performance.

Purtrax Plus' 3-dimensional filter matrix provides lower pressure drop and high dirt holding capacity. This translates to longer life and fewer change-outs than existing string-wound or resin-bonded filters. Purtrax Plus' melt-bonded exterior and core ensures no media migration.

Purtrax Plus contains no wetting agents, solvents, antistatic agents or binders, and meets the requirements of the FDA for food and beverage contact. The filter incinerates to trace ash for easy disposal.

Typical Applications

- Potable water filtration
- Chemical filtration - wide chemical compatibility
- Beverage
- Electronics
- Meets FDA compliance for food and beverage contact

General Properties

Purtrax Plus filters are available in the following nominal pore size micron ratings: 1, 3, 5 and 10 microns. Tables 1, 2, 3 and 4 further details on materials of construction, dimensions, flow performance and ordering information.

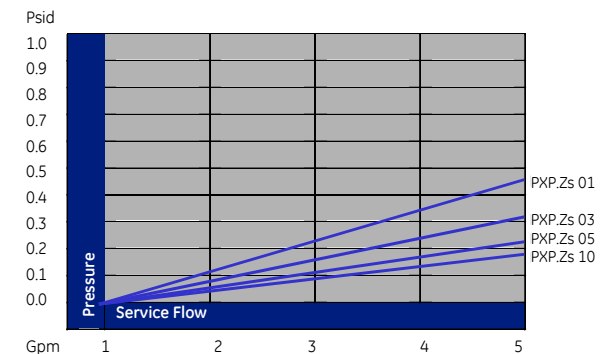
Table 1: Materials of Construction

Filtration Media	Polypropylene
Endcaps and Adapters	Polypropylene

Table 2: Dimensions

Nominal Outside Diameter	2.50" (6.4 cm)
Nominal Inside Diameter	1" (2.5 mm)

Table 3: Flow Performance in Clean Water¹



¹Data based on 10" length filter

Additional Information

Purtrex Plus depth cartridge filters are made from thermally-bonded fibers of polypropylene. GE certifies that it uses no resin binders, lubricants, antistatic or release agents or other additives in the manufacture of these cartridges, and that the resin used for manufacturing the filter media meets the food contact requirements of the U.S. FDA 21 CFR regulations. When required, specify only FDA compliant sealing materials and end adapters.

GE 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 GE distributor for more information.

Ordering Information

To configure a standard Purtrex Plus filter with no adapters on either end, select one item from each of the first three columns. Your model number may look like this: PXP.Zs 05-20

To order Purtrex Plus filters with end adapters, add one item from the last 2 columns to your filter selections (use all 6 columns). Your model number may look like this: PXP.Zs 05-20XK

Table 4: Ordering Information

Type	Micron Rating	Nominal Cartridge Length	End #1 Adapter	End #2 Adapter
PXP.Zs	01 = 1 µm 03 = 3 µm 05 = 5 µm 10 = 10 µm	10 in. (25.4 cm) 20 in. (50.8 cm) 30 in. (76 cm) 40 in. (102 cm)	X = Standard Plain End	K = Self Seal Spring

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The below GE -series cartridge filters are all the models that are potentially possible in all variations.

Please note that not all models are actually produced or on stock and some model numbers and names have become obsolete. Nevertheless this should help as cross reference table chart for GE filters nomenclature.

PXP.Zs

PXP.Z.s0110XK

PXP.Z.s0120XK

PXP.Z.s0130XK

PXP.Z.s0140XK

PXP.Z.s0310XK

PXP.Z.s0320XK

PXP.Z.s0330XK

PXP.Z.s0340XK

PXP.Z.s0510XK

PXP.Z.s0520XK

PXP.Z.s0530XK

PXP.Z.s0540XK

PXP.Z.s1010XK

PXP.Z.s1020XK

PXP.Z.s1030XK

PXP.Z.s1040XK

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PXP.Z.s0320XK

PXP.Z.s0330XK

PXP.Z.s0340XK

PXP.Z.s0510XK

PXP.Z.s0520XK

PXP.Z.s0530XK

PXP.Z.s0540XK

PXP.Z.s1010XK

PXP.Z.s1020XK

PXP.Z.s1030XK

PXP.Z.s1040XK

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