

# Purtrex\* Plus Depth Cartridge Filters

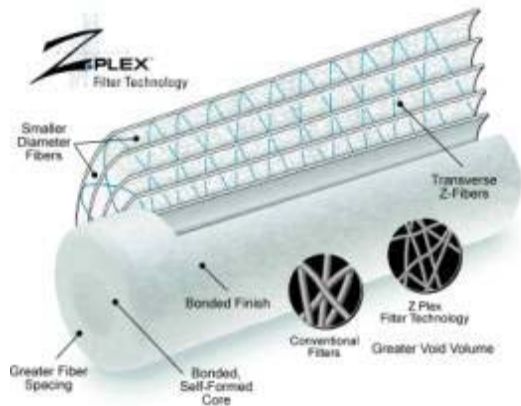


Figure 1 : Purplex Plus Depth Cartridge Filters Use Z.Plex\* Filter Technology

## Description and Use

The Purplex 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), Purplex Plus is a 100% pure polypropylene depth filter with excellent performance.

Purtrex 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. Purplex Plus’ melt-bonded exterior and core ensures no media migration.

Purtrex 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

Purtrex 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.

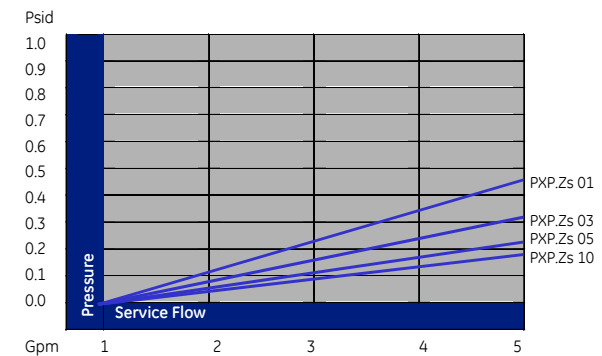
Table 1: Materials of Construction

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 Water<sup>1</sup>



<sup>1</sup>Data based on 10" length filter



Find a contact near you by visiting [www.ge.com/water](http://www.ge.com/water) and clicking on "Contact Us".

\* Trademark of General Electric Company; may be registered in one or more countries.

©2008, General Electric Company. All rights reserved.

## 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

