

Purtrex* plus depth cartridge filters

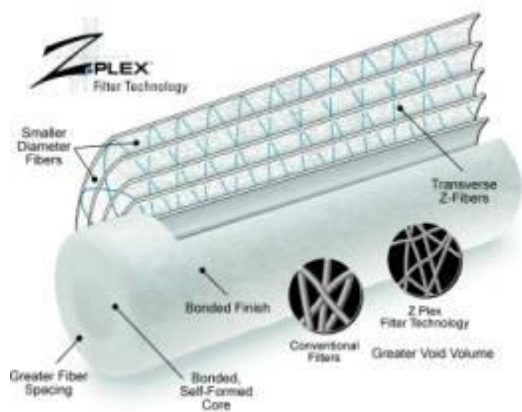


Figure 1: Purtrex Plus Depth Cartridge Filters Use Z.Plex* Filter Technology

description and use

The Purtrex Plus depth filter is an exceptional value for general applications where long life, high purity and low change-out frequency are required. Produced through SUEZ Water Technologies & Solutions' patented Z.Plex* filter manufacturing technology (Figure 1), Purtrex 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. Purtrex 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.

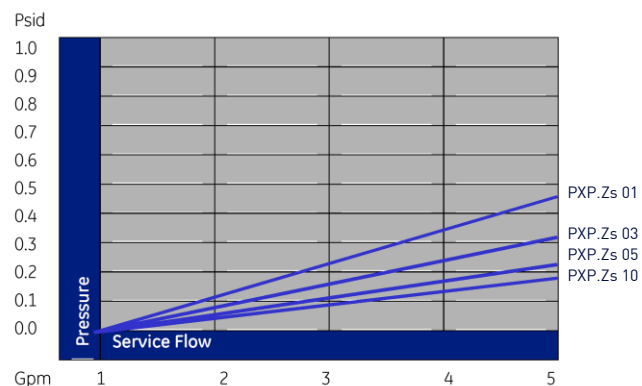
Table 1: Materials of Construction

Filtration Media	Polypropylene
Endcaps and Adapters	Polypropylene

Table 2 : Dimensions

Nominal Outside Diameter	2.5" (6,4 cm)
Nominal Inside Diameter	1" (2,5 cm)

Table 3: Flow Performance in Clean Water¹



¹Data based on 10" length filter

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additional information

Purtrex Plus depth cartridge filters are made from thermally bonded fibers of polypropylene. SUEZ certifies that it uses no resin binders, lubricants, antistatic or release agents, in the manufacture of these filter cartridges. The resin used for manufacturing the filter media meet the food contact requirements of the U.S. FDA 21CFR 177.1520. Purtrex Plus depth cartridge filters meet the safety requirements of Article 3 of the EU Framework Regulation No. 1935/2004/EC and may be used as intended in all of the EU Member states in full compliance with the EU Plastics Regulation No. 10/2011. Purtrex Plus depth cartridge filters meet the criteria for USP class VI-121°C Plastics.

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



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