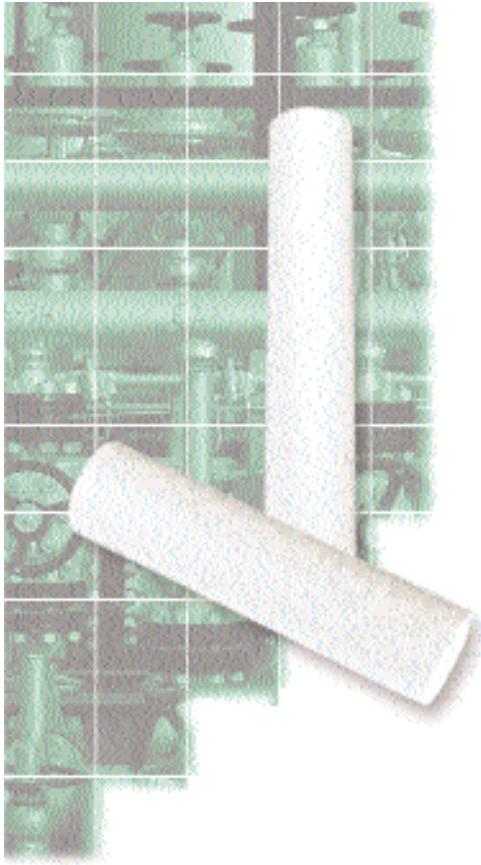


Purtrex™

Cartridge Filters



Purtrex™ Depth Filter is an exceptional value for general applications where long life, high purity and low change-out frequency are required.

Features and Benefits

The Purtrex depth filter is an exceptional value for general applications where long life, high purity and low change-out frequency are required. Produced through GE's patented melt blown microfiber technology, Purtrex is a 100% pure polypropylene depth filter with exceptional dirt-holding capacity.

Purtrex' true-graded density filter matrix (lower density at the surface of the filter with progressively higher density toward the center) captures particles throughout the entire filter depth. This translates to longer life and fewer change-outs than existing string-wound or resin-bonded filters.

Purtrex 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.

Applications

- > Potable water filtration
- > Chemical filtration - wide chemical compatibility
- > Plating baths
- > Amine filtration
- > Meets FDA compliance for food and beverage contact

Materials of Construction

- > Filtration Media — Polypropylene
- > Endcaps and Adapters — Polypropylene

Dimensions

Nominal O.D.	Nominal I.D.
2.50" (6.4 cm)	1" (2.5 cm)

Available Micron Ratings

1, 3, 5, 10, 20, 30, 50, and 75 microns



These Purtrex Depth Filter Cartridges are tested and certified by NSF International against ANSI/NSF Standard 42 for material requirements only.

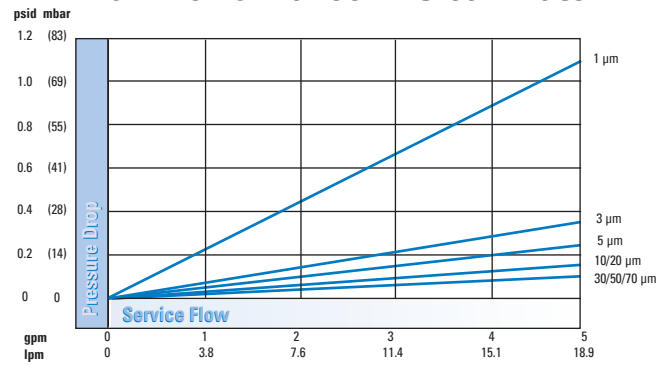
Component

Additional Information

Purtrex 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.

Purtrex Depth Filter Flow Performance in Clean Water*



* Typical Data based on 10" length filter.

Ordering Information

To configure a standard Purtrex filter with no adapters on either end), select one designation from each of the first three columns. Your Product Order Number will look like this: **PX05-29 1/4**. To order Purtrex with end adapters, add one item from the last 2 columns to your filter selections (use all 6 columns). Your Product Order Number will look like this: **PX05-29 1/4 YYP** or **PX05-29 1/4 XK**.

Type	Micron Rating	Nominal Length Inches (cm)	End #1 Adapter	End #2 Adapter	Material
PX	01 = 1 m	9 3/4 (24.8)	Y = 1" (25.4 cm) Open End Gasket	Y = 1" Open End Gasket	Gasket
	03 = 3 m	9 7/8 (25.2)		K = Self Seal Spring	P = Santoprene*
	05 = 5 m	10 (25.4)	L = Extended Core	H = Fin Adapter	
	10 = 10 m	19 1/2 (49.5)	E = 222 O-Ring	S = Solid End	O-Rings
	20 = 20 m	20 (50.8)	X = Standard Plain End (No Gasket)		S = Silicone
	30 = 30 m	29 1/4 (74.3)			E = EPDM
	50 = 50 m	30 (76.2)			
	75 = 75 m	40 (102.0)			
			50 (127.0)		

* Santoprene is a registered trademark of Advanced Elastomer Systems, L.P.

