

# Hytrex\* RX

## Depth Cartridge Filters



Figure 1: Hytrex RX Depth Cartridge Filters

### Description and Use

The purity and reliability of Hytrex RX cartridge filters (Figure 1) ensure consistent results, time after time. Thermally bonded micro fibers create a strong secure cartridge that traps particles throughout its depth. Hytrex RX combines efficiency, long life and purity to create a high performance depth filter.

- Pure polypropylene construction
- Meets the requirement of the FDA Title 21 of the Code of Federal Regulations 174.5 and relevant subparts of 177
- Wide chemical compatibility

### Typical Applications

Oil & Gas Industry

### Consistent Performance

Patented, continuous process assures consistent product performance. Lot-to-lot, order-to-order, strict quality control assures repeatability. Tables 1 and 2 give greater detail of the high flow rate at low pressure drop for the various sizes of Hytrex RX filters.

Table 1: High Flow Rate at Low Pressure Drop<sup>1</sup>

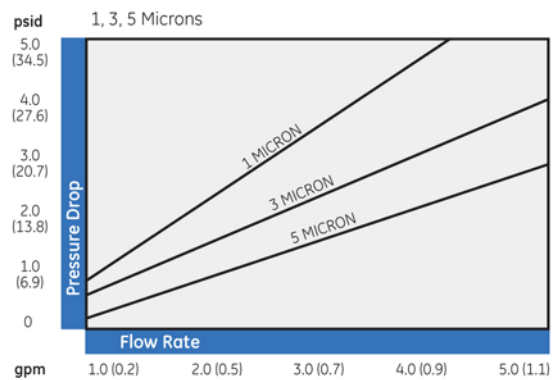
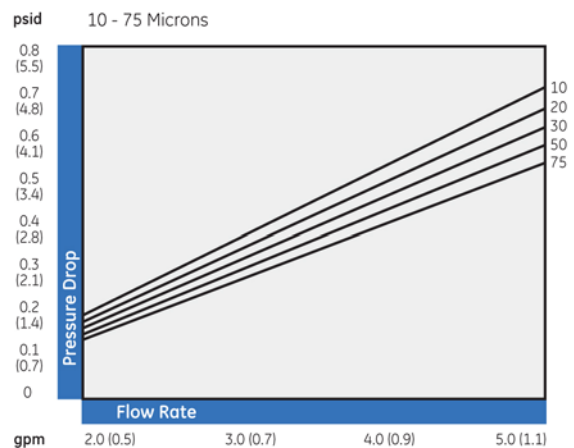


Table 2: High Flow Rate at Low Pressure Drop<sup>1</sup>



<sup>1</sup> Data based on 10" length filter with clean water.



## Operating Pressure & Temperature

- Maximum operating differential pressure: 35 psid @ 100°F (38°C)
- Maximum operating temperature: 160°F (71°C) @ 15 psid (103.4 kPa)

## High Dirt Holding Capacity

- True-graded density captures particles throughout entire filter depth
- High dirt-holding capacity means longer life and fewer changeouts which translates to money saved
- Lower density at the surface of the filter with progressively higher density toward the center
- No surface blinding, which reduces flow and increases filter changeouts
- GE Water & Process Technologies patented self-seal polypropylene springs
- Table 3 details specific ordering information.

## Material and FDA Compliance

Hytrex RX cartridge filters are made from thermally-welded blown microfibers of polypropylene. GE certifies that the resin used for manufacturing the filter media of this product meets the requirements of the Food and Drug Administration (FDA) Title 21 of the Code of Federal Regulations (CFR) 174.5 and relevant subparts of 177. If required, specify FDA-compliant sealing materials and end adapters.

## Important Notice To User

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**Table 3: Ordering Information**

If you are ordering Hytrex RX filters with standard ends (with no adapter on either end), select one designation from each of the first three columns. Your product order number will look like this: RX05-336. If you are ordering Hytrex RX with one or more end adapters, select designations from all applicable columns. Your product order number will look like this: RX05-336-XK.

Product Name	Micron Rating	Cartridge Length	End #1 Adapter
RX	01= 1 µm	36 inch (91 cm)	X = Standard Hytrex Plain End (no gasket)
	03 = 3 µm	336 = 36 inch (91 cm)	
	05 = 5 µm		
I.D. - 1 3/8 inch (2.5 cm)	10 = 10 µm		
O.D - 2 3/4 inch (7 cm)	20 = 20 µm		
	30 = 30 µm		
	50 = 50 µm		
	75 = 75 µm		