

Hytrex Cartridge Filters

■ Features and Benefits

Thermally bonded micro filters create a strong secure cartridge that traps particles throughout its depth. Hytrex combines efficiency, long life and purity to create a high performance depth filter.

- Pure polypropylene construction
- Fast rinse-up in high purity applications
- FDA compliant
- Wide chemical compatibility
- Automated packaging for a clean finished product

■ Applications

- High Purity Chemicals
- Bottled Water
- Pre-reverse Osmosis
- Oil & Gas
- Electronics

■ Consistent Performance

Patented, continuous process assures consistent product performance. Lot-to-lot, order-to-order, strict 5-piece quality control assures repeatability.

■ 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

■ Wide Range of Lengths & Adapters

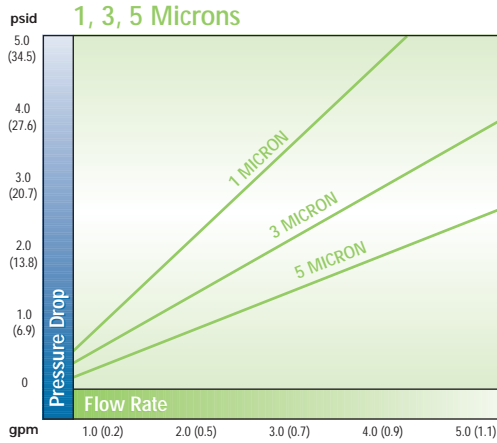
- Standard lengths fit most housings—custom lengths can also be provided
- Wide range of polypropylene end-adapters including gaskets, extended cores and Osmonics® patented* self-seal polypropylene springs

Precision Engineered Depth Filter Cartridge

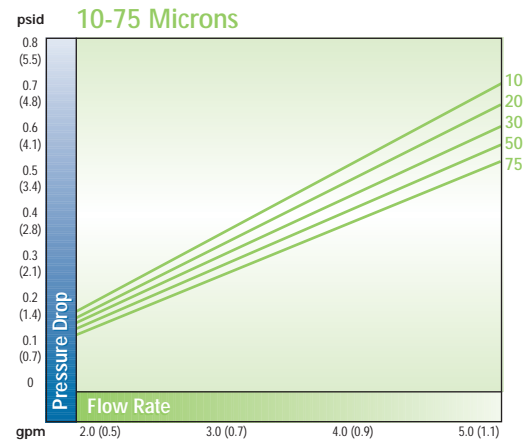
*The purity and reliability of
Hytrex cartridge filters
ensure consistent results,
time after time.*



High Flow Rate at Low Pressure Drop



High Flow Rate at Low Pressure Drop



If you are ordering Hytex 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: **GX05-29-1/4**. If you are ordering Hytex with one or more end adapters, select designations from all applicable columns. Your Product Order Number will look like this: **GX05-29-1/4 YYP** or **GX05-29-1/4 XK**

Product Name	Micron Rating	Cartridge Length	End 1 Adapter	End 2 Adapter	Gasket Material
GX	01 = 1 03 = 3 05 = 5 10 = 10 20 = 20 30 = 30 50 = 50 75 = 75	4 7/8 (12.4) 9 3/4 (24.8) 9 7/8 (25.1) 10 (25.4) 19 1/2 (49.5) 20 (50.8) 29 1/4 (74.3) 30 (76.2)	Y Y = 1 inch Open End Gasket L = Extended Core E = 222 O-Ring F = 226 O-Ring X = Standard Hytex Plain End (No Gasket)	Y Y = 1 inch Open End Gasket K = Self Seal Spring H = Fin S = Solid End X = Standard Hytex Plain End (No Gasket)	P P = Santoprene* (Gasket Only) O-Rings S = Silicone E = EPDM V = Viton** B = BUNA
I.D. – 1 inch (2.5 cm)					
O.D. – 2 1/2 inch (6.4 cm)		40 (01.6) 50 (127.0)			

* Santoprene is licensed to Advanced Elastomer Systems, L.P.

** Viton is a registered trademark of E.I. DuPont de Nemours and Company, Inc.

Material and FDA Compliance

Hytex cartridge filters are made from thermally-welded blown microfibers of polypropylene. No additives, resin binders, lubricants, anti-static or release agents are used in the manufacturing of Hytex cartridge filters. Osmonics certifies that the filter material meets the requirements of the Food and Drug Administration (FDA) Title 21 of The Code of Federal Regulations 174.5 and 177.1520.

Important Notice To User:

The following is made in lieu of all other warranties expressed or implied. Manufacturer's and Seller's only obligation shall be to issue credit against the purchase or replacement of the product proved to be defective in material or workmanship. Neither Manufacturer nor Seller shall be liable for any injury, loss or damage, direct or indirect, special or consequential, arising out of the use of, misuse, or the inability to use such product. The information contained herein is based on technical data and tests which we believe to be reliable and is intended for use by persons having technical skill at their discretion and risk. Since conditions of use are outside Osmonics' control, we can assume no liability whatsoever for results obtained or damages incurred through the application of the data presented. This information is not intended as a license to operate under, or a recommendation to infringe upon, any patent of Osmonics or others covering any material or use. The foregoing may not be altered except by a written agreement signed by officers of the Manufacturer.



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For More Information:

Call Osmonics Filtration and Separations Group at (952) 933-2277 or (800) 848-1750, or visit www.osmonics.com



OSMONICS

North American Sales

5951 Clearwater Drive
Minnetonka, MN
55343-8995
USA
(952) 933-2277 Phone
(952) 988-6060 Fax

Latin American Sales

Rua Pastuer, 463, 13 Andar
Centro Empresarial Jactoba
Curitiba - PR, CP 80250-080
BRAZIL
+55 41 312 1691 Phone
+55 41 312 1699 Fax

Euro/African Sales

230 rue Robert Schuman
ZA des Uselles
77350 Le Mée sur Seine
FRANCE
+33 1 64 10 2000 Phone
+33 1 64 10 3747 Fax

Asian/Pacific Sales

1044/8 SOI 44/2
Sukhumvit Road Prakanong
Bangkok 10110
THAILAND
+66 2 38 14213 Phone
+66 2 39 18183 Fax