

Ultipleat® High Flow 1 Micron Element

Description

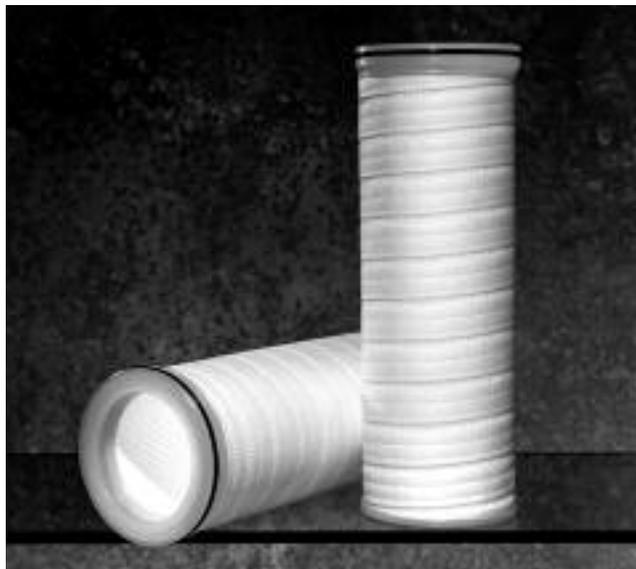
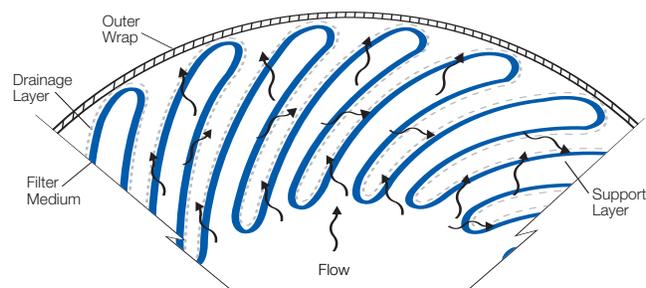
The 1 µm Ultipleat High Flow Element is a large diameter, coreless, single open ended, pleated cartridge with an inside to outside flow pattern. The filter's unique, crescent-shaped pleat geometry, combined with its large 6.3" (16 cm) diameter allows you to use fewer filters to remove fine particles and cysts in high flow applications.

Benefits

- High flow rates per element
- Low cost of installation and filtration
- Fewer elements per change out
- 1 µm absolute¹ filtration
- Polyethersulfone media provides greater than 3 log reduction of *Giardia oocysts* and *Cryptosporidium*
- Inside to outside flow configuration retains all particulate matter inside the element
- Coreless, all plastic construction to minimize waste disposal
- U-cup element seal ensures high level removal efficiencies

¹ Particle Removal Rating

Crescent-Shaped Pleat Geometry with Inside to Outside Flow



Ultipleat High Flow Elements

Performance Specifications

- Water flow rate
 - 20" length – 68 gpm/psid (257 lpm/70 mbar)
 - 40" length – 135 gpm/psid (511 lpm/70 mbar)
 - 60" length – 204 gpm/psid (772 lpm/70 mbar)
- Maximum forward differential pressure
 - 50 psid @ 180°F (3.44 bar @ 82°C)
- Maximum operating temperature
 - 180°F (82°C)
- Sanitization
 - Can be sanitized with hot water (185°-194°F/85°-90°C) for a maximum of 100 cycles (1 cycle = 10 minutes) without compromising the removal efficiency of the filter.
 - Peracetic acid, chlorinated alkaline products and other sanitization chemicals may be used. Contact Pall for recommended procedures.

Applications

- Incoming water filtration
- Barrier to cysts and oocysts
- Prefilter for bottled water sterilizing filters
- Food and beverage processes

Product Specifications

Materials of Construction

Filter Media:	1 µm polyethersulfone
Outer Sleeve and End Caps:	Polypropylene
Drainage and Wrap:	Polypropylene
Wrap Adhesive:	Polyolefin hot melt
Filter Seal:	FDA compliant ethylene propylene

Dimensions

Diameter:	6.3" (16 cm)
Length:	20", 40", 60" (51 cm, 102 cm, 152 cm)

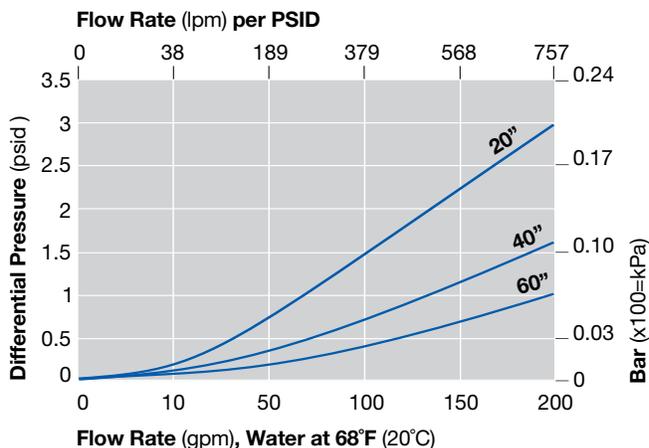
Other Ultipleat High Flow Elements

Ultipleat High Flow elements are available in other filter media with absolute ratings of 2, 4.5, 10, 20, 40 and 100 µm. Contact Pall for more information.

Housing Design

A single element, sanitary designed housing is available for use with the 1 µm Ultipleat High Flow element. Industrial style housings are also available. Contact Pall for more information.

1 µm Ultipleat High Flow



Ordering Information

Product Part Number: HFU6 ♦ CAS010JUW

Code	Length
♦	
20	20" (51 cm)
40	40" (102 cm)
60	60" (152 cm)



Bad Kreuznach – Germany

0049 671 8822 0 telephone
0049 671 8822 200 fax

Portsmouth – United Kingdom

0044 23 92 30 33 03 telephone
0044 23 92 30 25 06 fax

New York – USA

001 516 484 5400 telephone
001 516 625 3610 fax

Melbourne – Australia

0061 395 8481 00 telephone
0061 395 8466 47 fax

Paris – France

0033 1 30 6138 00 telephone
0033 1 30 6157 08 fax

Milano – Italy

0039 02 47 79 61 telephone
0039 02 41 22 985 fax

foodandbeverage@pall.com

Filtration. Separation. Solution.sm

Visit us on the Web at www.pall.com

Pall Corporation has offices and plants throughout the world in locations including: Argentina, Australia, Austria, Belgium, Brazil, Canada, China, France, Germany, India, Indonesia, Ireland, Italy, Japan, Korea, Malaysia, Mexico, the Netherlands, New Zealand, Norway, Poland, Puerto Rico, Russia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, United Kingdom, United States, and Venezuela. Distributors are located in all major industrial areas of the world.

© Copyright 2006, Pall Corporation. Pall,  and Ultipleat are trademarks of Pall Corporation.® Indicates a Pall trademark registered in the USA. Filtration. Separation. Solution.sm is a service mark of Pall Corporation.