

## Ultipleat® High Flow 1 Micron Element

### Description

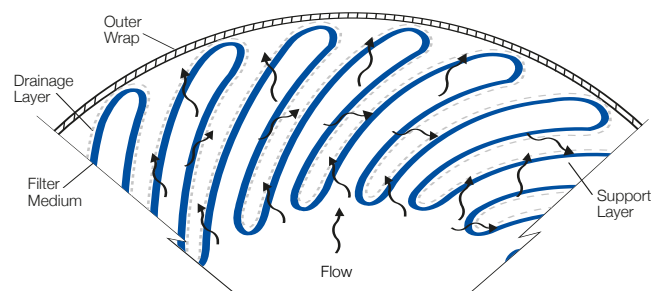
The 1 µm Ultipleat High Flow Element is a large diameter, coreless, single open ended, pleated cartridge with an inside to outside flow pattern. The filter's unique, crescent-shaped pleat geometry, combined with its large 6.3" (16 cm) diameter allows you to use fewer filters to remove fine particles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

<sup>1</sup> 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)

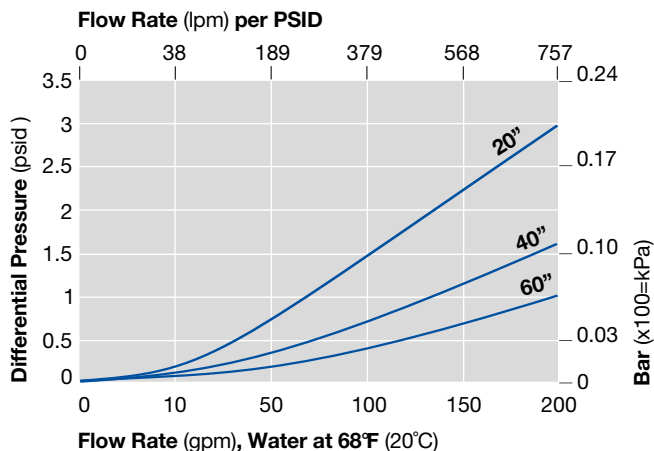
### Other Ultipleat High Flow Elements

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)



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