

## HP DURAFLO

### HIGH PERFORMANCE POLYPROPYLENE PLEATED MICROFIBER MEDIA CARTRIDGE OPTIMIZED FOR HIGH EFFICIENCY AND CRITICAL PROCESS APPLICATIONS

#### Features and Benefits:

##### Rated Efficiency

- 99.98% Absolute Rated Efficiency
- $\beta=5000$

##### Pleated Cartridge

- 9 sq. ft. Effective Filtration Area per 10 in. equivalent
- Drainage Layers on Both Sides of Media

##### 100% Polypropylene

- Thermally Bonded Construction
- Heavy Duty Outercage
- Glass Filled Polypropylene Core
- Filter Components FDA Acceptable per 21CFR177.1520

#### CHEMFLO products are tailored for your application:

- Food and Beverage, Syrups and Flavorings
- Process Water and Membrane Pre-Filtration
- High Purity Chemicals

Ask your filter distributor or Chemflo for compatibility.

#### Standard product dimensions

- Length:** 9.75 to 40 in. (24.75 - 101.6 cm)
- Outside Diameter:** 2.66 in. (6.75 cm) ("226" = 2.75")

#### Maximum Differential Pressure:

- Forward:**  
 50 psi (2.45 bar) at 88°F/20°C  
 25 psi (1.72 bar) at 185°F/85°C
- Reverse:** 50 psi (2.75 bar) at 68°F/20°C

#### Pleated Polypropylene Microfiber Media Features:

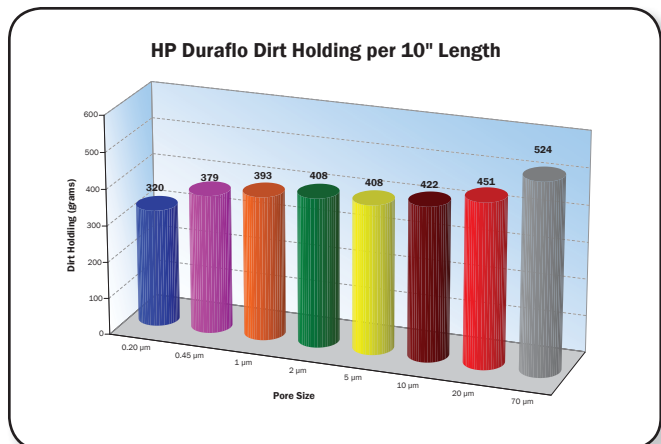
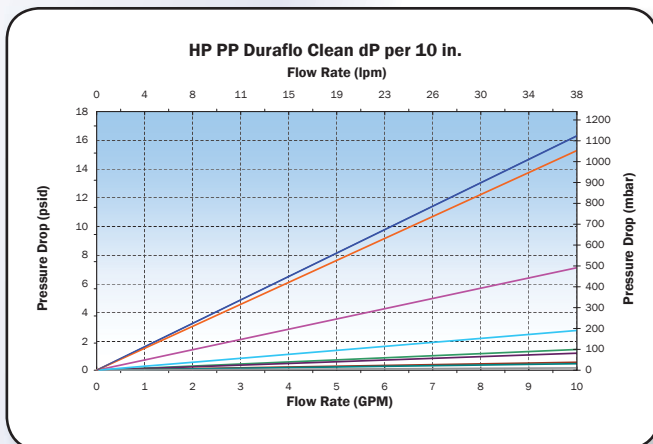
- High Performance Meltblown Microfiber Filter Media
- Dual Drainage Layers to Prevent Fiber Migration and to Assure Even Flow Distribution
- Fine Fibers Provide Maximum Dirt Holding and Particle Removal Cut Off
- Wide Chemical Compatibility
- High Efficiency
- Long Life



#### Sanitization/Sterilization:

- Filtered Hot Water:** 203°F/95°C
- Chemical Sanitization:** Industry Standard

**Flow Rates:** Typical water flow at 69 mbar (1 psi) across one 10 in. filter element in water at ambient temperatures. Use this information to size filter vessels but take care to ① account for dirt loading and ② add clean pressure drop across housing and across the 1 in. orifice in the element. Please contact your Chemflo representative for vessel sizing.



Add housing and 1 in. orifice pressure drops to media pressure drops. The dP across 1" hole in element is significant over 10 gpm. From laboratory tests using water and ISO Fine Test Dust in a multi-pass test stand. Laboratory tests do not duplicate field results.