

MG DURAFLO

HIGH PERFORMANCE PLEATED MICROFIBERGLASS FILTER CARTRIDGE

Features and Benefits:

Rated Efficiency:

- 99.98% Absolute Rated at Stated Micron
- $\beta=5000$

Pleated Cartridge:

- Approx. 5.1 sq.ft. Effective Filtration Area, nominal per 10 in. length
- Maximum Dirt Holding Capacity

Construction:

- Polypropylene Hardware
- Ultrasonic Sideseams
- Thermally Bonded Polypropylene End Caps
- Stainless Steel Hardware Available
- Glass Filled Cores Available

Applications:

- Amines, Glycol, Chemical
- Acids and Caustic
- Coolant Water and Process Water
- Salt Water Injection/Produced Water

Pleated Microfiberglass Features:

- Microfiberglass "MG Duraflo" Media
- Acrylic Binder Excellent for Water and Hydrocarbons
- Pleated Depth Media Minimizes Blinding due to Deformable Particulate. Excellent for Gel Removal
- Dual Drainage Layers to Prevent Fiber Migration
- Fine Fibers Provide Maximum Dirt Holding
- High Efficiency and Long Life



CHEMFLO products are tailored for your application:

- Hydrocarbons and Fuels
- Water, Process Water, Produced Water
- Membrane Pre-filtration

Ask your filter distributor or Velcon Process for compatibility

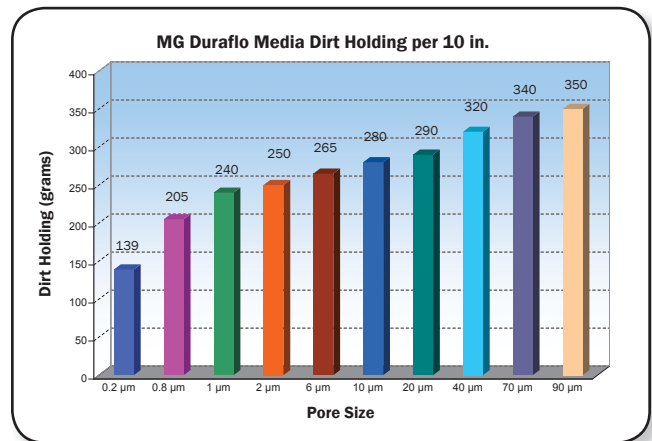
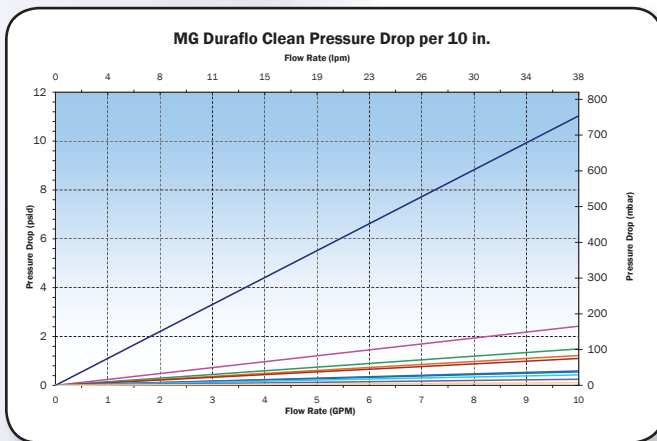
Standard product dimensions:

- Length:** 10 to 40 in. (25.4 - 101.6 cm.), nominal
- Outside Diameter:** 2.75 in. (7 cm.), nominal

Maximum Differential Pressure:

- Forward:** 50 psid (3.45 bar) @ 68°F (20°C)
Polypropylene Core: 25 psid (1.72 bar) @ 150°F (65°C)
Glass Filled: 25 psid (1.72 bar) at 185°F (85°C)
- Reverse:** 30 psid (2.75 bar) @ 68°F (20°C)

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.



From laboratory tests using water and ISO Fine Test Dust in a multi-pass test stand. Laboratory tests do not duplicate field results.