Parker’s FulFlo® stainless steel cartridges provide the optimum filtration solution for fluids and gases in high temperature and high flow rate applications. Available in a cylindrical or pleated design, cleanable stainless steel cartridges are the logical choice when natural and synthetic media cartridges cannot meet aggressive process conditions. FulFlo® reusable 304 and 316 grade stainless steel cartridges offer versatility of choice with fourteen nominal particle removal ratings, six standard lengths and a variety of end configurations and seal materials.

Features and Benefits
- Temperature capability up to 260°C (500°F) with synthetic seals; up to 816°C (1500°F) with NPT connections
- Available in 304 and 316 stainless steel for compatibility choice with aggressive chemicals
- Available in fourteen nominal ratings from 2 to 840 microns for a wide range of particle size removal
- Variety of seal configurations allow retrofit in many filter vessel designs
- Welded and crimped construction eliminates the need for adhesive which can be a contaminant source and limit temperature range
- Optional perforated stainless steel pleat protectors minimize handling damage

Performance Characteristics

![Performance Characteristic Graph](image)

- Flow rates are the same for all ratings.
- Core control and length are primary flow restrictions

10” Size 1250 mm Cartridge

Specifications

- **Materials of Construction**
  - Filtration Media: Stainless Steel Wire Cloth
  - Structural Components: 100% Stainless Steel
  - Seal Materials: Buna N, Viton, EPDM

- **Dimensions**
  - Outside Diameter: Cylindrical: 64 mm [2”], Plated: 67 mm [2½”]
  - Lengths (nominal): 10”, 20”, and 30”
  - Grummet: 27 mm [1½”], 1 ID x 48 mm [1½”] OD

- **Maximum Differentiation Pressure**
  - Standard: 0.1 bar (0 psi)
  - High Pressure: 20.7 bar (300 psi)

- **Recommended Changeout Differential Pressure**
  - 2.4 bar (35 psi)

- **Effective Filtration Area**
  - Cylindrical: 0.5 m² / 10” length (465 cm² / 254 mm)

- **Maximum Recommended Operating Conditions**
  - Temperature: 816°C (1500°F), 260°C (500°F)
  - Pressure: Recommended Changeout Differential Pressure

- **Filtration Media**
  - Cloth, Stainless Steel Wire

- **Seal Materials**
  - Buna N, Viton, EPDM

- **Construction Method**
  - Welded

- **Removal Rating / Mesh Count / Open Area**

- **Applications**
  - Viscous fluids
  - Hot wax
  - Aggressive gases
  - Polymer filtration
  - Catalyst recovery
  - Caustic cleaning solutions

Ordering Information

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<th>Code</th>
<th>Description</th>
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Metallic Filter Cartridges

Parker domnick hunter has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations.

Parker’s FulFlo® stainless steel cartridges are the logical choice when natural and synthetic media cartridges cannot meet aggressive process conditions.