

Cartridge Housings and Elements

Introduction

Schroeder Process cartridge housings and elements provide a reliable, versatile and low cost solution to numerous filtration needs. These graded density elements, spun bonded from 100% pure polypropylene fibers, offer high dirt holding capacities. By trapping the larger sized particles on the outside of the element while the smaller particles are trapped closer to the element's core, these elements can filter as fine as 1 μ . This product line offers various sizes and styles of housings to fit a wide variety of applications.



Advantages

- NSF Std. 42 listed
- Housing installation is quick and easy
- Elements are manufactured from 100% polypropylene fibers
- V-band and turnbuckle closures on stainless steel housings for easy element change
- Housings accept multiple cartridge styles
- Wide variety of element styles, sizes and micron ratings
- Low pressure drop

Applications

- Reverse osmosis (RO) pre-filtration
- Food service for bottles water, beer, and wine
- Car wash high pressure pumps and nozzles
- Pre / post UV water treatment
- Electroplating, varnishing and resin finishing
- Coolant pumps for industrial machining centers

Technical Data

Cartridge Elements

Filter Media: Polypropylene

Max. Operating Temperature: 160° F (71°C)

Filtration Rating: 1m - 100m

Stainless Steel Housings

Housing: 304 and 316 stainless steel

O-rings: EPDM (FDA Grade)

Max. Pressure Temp: 150 psi at 167°F

Plastic Filter Housings

Housing: Polypropylene

Cap: Polypropylene

O-ring Material: Buna-N

Max. Temperature: 140°F (60°C)

Max. Pressure: 125 psi (8.60 bar)

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An ISO 9001:2008 Certified Company

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