

NHF High Flow Series Filter Cartridges



Product Introduction

NHF series filter cartridge's high surface area and large diameter provide higher flow rate, service life, dirt holding capacity and lower maintenance/ disposal costs. NHF series center core can resist higher differential pressure, and its double o-rings design provides better sealing effect. In addition, it provides optional polypropylene and glass fiber media, which can be applied to wide chemical compatibility.

- Manufactured under a certified ISO 9001 quality system

Product Specifications

Materials of Construction

- Filter Media: Polypropylene, Glass Fiber
- Hardware: Polypropylene
- Sealing: Thermal Bond
- Support Material: Polypropylene (for PP media)
Polyester (for glass fiber media)
- O-rings: EPDM (standard)
Buna-N, Silicone, Viton (optional)

Dimensions

- Outside Diameter: 6" (152mm)
- Length: 40"

Performance Specifications

Retention Ratings

- NHF: 0.5, 1, 5, 10, 20, 30, 40, 100 μm
- NHFG: 0.2, 0.5, 1, 5, 20, 40 μm

Operating Conditions

- Maximum Operating Temperature:
NHF: 180°F (82°C)
NHFG: 220°F (105°C)
- Recommended Change Out Differential Pressure:
35 psid (2.4 bar)

Toxicity

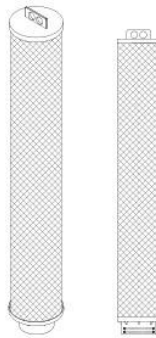
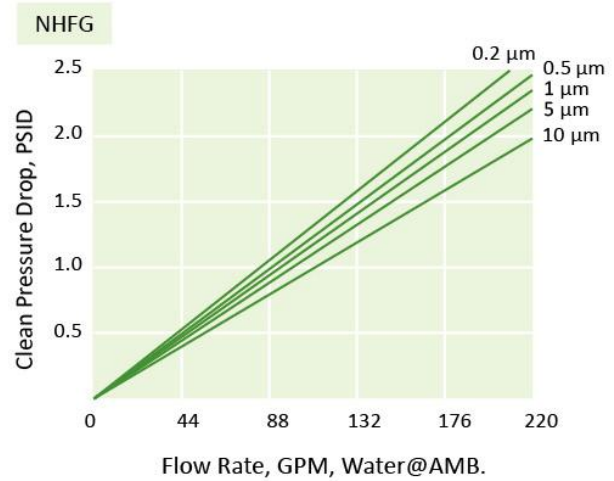
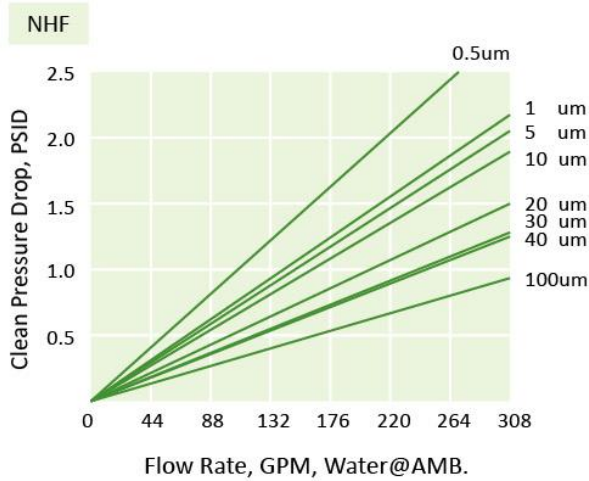
All Polypropylene components meet the specifications for biological safety as per the USP for Class VI-121°C Plastics (o-rings excluded)

Applications

Food and Beverage, Seawater Desalination, Cooling Water, Industrial Water, RO Pre-filtration, Amine Circulation Filtration, Process Water and Waste Water Treatment, etc.



Liquid Flow Rate vs. Initial Differential Pressure



Ordering Information

| NHF | 010- | 640- | EXE |
|-----------------------|---|------------------|---|
| Product Name | Retention Rating | Cartridge Length | O-ring Material |
| NHF (PP) | 005=0.5 μ m 010=1 μ m 050=5 μ m 100=10 μ m 200=20 μ m 300=30 μ m 400=40 μ m 1000=100 μ m | 640=40" | NXN=Buna-N EXE=EPDM VXV=Viton SXS=Silicone |
| NHFG (Glass Fiber) | 002=0.2 μ m 005=0.5 μ m 010=1 μ m 050=5 μ m 100=10 μ m | | |