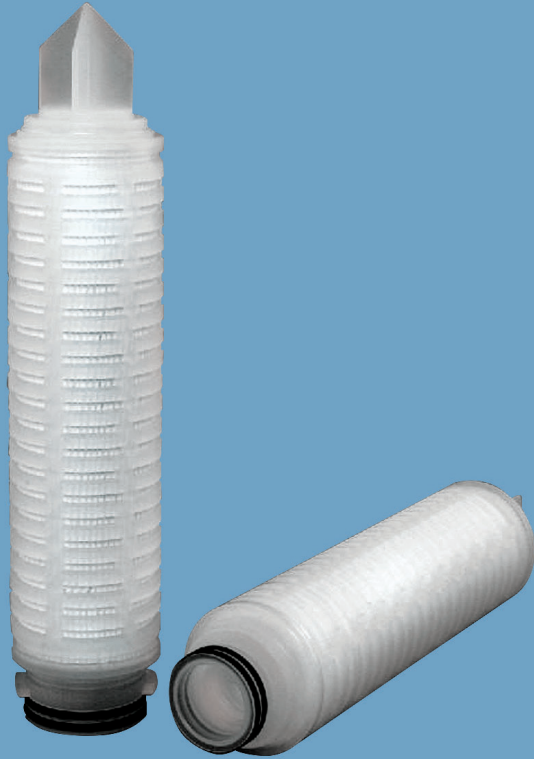


aspire[®] Nylo-Clear Filter Cartridges

Nylon 6,6 Membrane Pleated Cartridges



Nylo-Clear pleated cartridges are highly retentive, naturally hydrophilic nylon membrane filters that are specially designed for critical filtration requirements of aqueous fluids. The Nylon 6,6 membrane, in an all-polypropylene construction, provides excellent wet-out characteristics and superior flow performance per surface area as compared to other membrane cartridges. No additives, resins, surfactants or binders are used in the manufacturing process, which dramatically reduces rinse up time, extractables and downtime. Nylo-Clear cartridges are perfectly suited for critical applications where superior flow, and particle removal efficiency between 0.1 and 1.2 micron is required.

Benefits

- 100% Hydrophilic materials of construction that are FDA listed as suitable for contact with food and beverage.
- Absolute-rated media provides reliable, consistent and repeatable filtrate quality.
- No adhesives, binders, resin or surfactants are used during manufacturing, resulting in superior downstream cleanliness.
- High surface area, yielding lower pressure drops and longer filter life.
- Lower filter extractables than other hydrophilic membranes.
- Non fiber-shedding polypropylene support materials eliminate fiber migration.
- IPA pre-wetting not required.
- Manufactured in an ISO 9001:2008 Certified Quality System Environment.
- Integrity Testable.

Applications

- Reagent Grade Chemicals
- API Chemicals
- Fine Chemicals
- Biological Fluids

For more information,
contact your aspire[®] representative at
CLARCOR Industrial Air
11501 Outlook Street, Suite 100, Overland Park, KS 66211
800-821-2222 816-356-8400 816-353-1873 fax
Email: aspire@clarcor.com

CLARCOR

Industrial Air

aspire[®] Nylo-Clear Filter Cartridges

Nylon 6,6 Membrane Pleated Cartridges

Materials of Construction

Filter Media	Nylon 6.6 Cast On Polyester
Support Material	Polypropylene
Hardware	Polypropylene
Cage Core	Polypropylene
Internal Support Ring	316 Stainless Steel
Sealing	Thermal Bond
Seals	Buna-N, Fluorocarbon, EPDM, FEP Encapsulated Fluorocarbon, Silicone

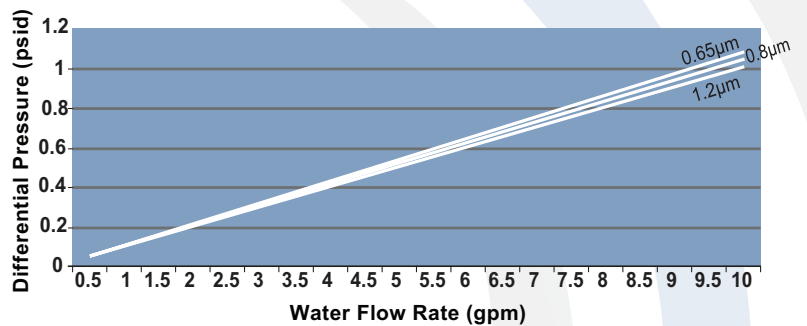
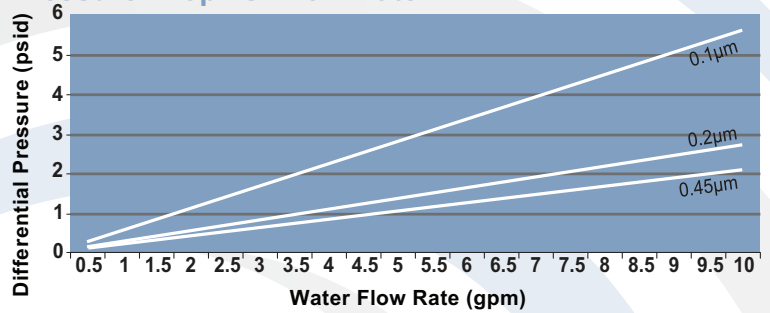
Performance Specifications

Absolute Retention Rating	0.1µm, 0.2µm, 0.45µm, 0.65µm, 0.8µm, 1.2µm
Differential Pressure Forward	75 psid (5.5 bar) @ 75°F (24°C) 40 psid (2.8 bar) @ 180°F (82°C)
Reverse	50 psid (3.4 bar)
Maximum Operating Temperature	180°F (82°C) Continuous Duty Polypropylene Hardware

Toxicity	Cartridge material meet CFR 21 for food and beverage contact
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Sterilization	Cartridges can be sterilized via steam or Autoclave: 20 times at 275°F (135°C) Cartridges may be sanitized in place with common oxidizing agents. Contact factory for chemical compatibility.
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Pressure Drop vs. Flow Rate



Dimensions (nominal)

Outside Diameter	2.55" (6.5cm)
Lengths	10" (25.4cm), 20" (50.8cm), 30" (76.2cm), 40" (102cm)

Cartridge Ordering Information

Media	Micron Rating	Formulation	Series	Layers	Nominal Length	Cartridge Style	Gasket or O-Ring Material	Utilization
N	050	A	S	1	20	3	03	N
N = Nylon 6,5	001 = 0.1µm 002 = 0.2µm 004 = 0.45µm 006 = 0.65µm 008 = 0.8µm 012 = 1.2µm	A = Standard	S = Standard	01 = Single	A = 10" B = 20" C = 30" D = 40"	1 = DOE, 9 3/4" 2 = DOE, 10" 3 = 222 O-Ring/Flat 7 = 226 O-Ring/Fin 7A = 222 O-Ring/Flat 8 = 222 O-Ring/Fin	01 = ERP 03 = Silicone 04 = Nitrile 08 = Viton®* 09 = Teflon®* 15 = Expanded Teflon®	N = Non-Steam Sterilizable S = Steam Sterilizable Steam Ring in Contact with Fluid

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*Non FDA

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