

PureFlo® All Nylon Media Cartridges (All Nylon Media w/ Nylon Construction)

Nylon Depth Filtration

The chemically resistant nature of nylon makes the PureFlo® All Nylon Media Cartridge ideal for clarification and pre-filtration applications in standard and high temperature conditions. The nylon media provides a depth for a longer lifetime of the filter by providing high loading capabilities and protection of tighter final filters.

The non-woven nylon media in an all-nylon construction provides excellent chemical compatibility and superior flow. No adhesives, binders, or surfactants are used in the manufacturing process and all cartridges are rinsed with high-purity water to reduce extractables and downtime. All filter cartridges are tested to ensure filter performance each and every time out of the package.



Applications

Chemical	Clarification
Critical Cleaning	Solvents
Fine Chemicals	Plating Solutions
Pre-Filtration	Acids & Bases
Inks	Biologic Retention

Specification

Materials of Construction: Media: Nylon (non-woven)
Media Supports: Nylon
Cage, Core, End Caps: Nylon
O-Rings: Silicone, EPDM, Fluoroelastomer, Buna N

Effective Filtration Area: 5.4 ft² (0.5 m²) per 10" cartridge element

Nominal Dimensions: Lengths: 5 in. (13 cm), 10 in. (25 cm), 20 in. (51 cm),
30 in. (76 cm), 40 in. (102 cm)
Diameter: 2.75 in. (70 mm)

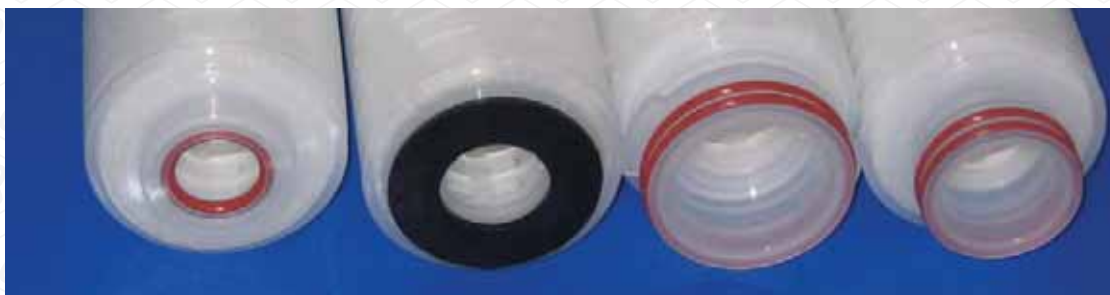
Available Ratings: 1, 3, 5, 10, 20, and 40 µm

Operating Conditions: Maximum Forward Differential Pressure: 5.0 bar (73 psid) at 22 °C
2.0 bar (29 psid) at 80 °C
Maximum Reverse Differential Pressure: 3.0 bar (44 psid) at 22 °C
1.0 bar (14.5 psid) at 80 °C
Maximum Operating Temperature: 95 °C

Regulatory Compliance: The filters are constructed with nylon resins and filtration media in compliance with 21 CFR Part 177 of the US Code of Federal Regulations.

Zen -

PureFlo[®] All Nylon Media Cartridges



Specifications (cont.)

Sterilization & Autoclaving:

The filters can be sterilized by autoclaving for up to 25 cycles at 257 °F (125 °C) for 30 minutes. The filters can also be sterilized by steam-in-place procedure up to 3 cycles at 275 °F (135 °C) for 30 minutes at less than 0.3 bar (4.3 psi) differential pressure. The filters may also be sanitized by hot water or common chemicals that are compatible with the filter components.

PureFlo All Nylon Media Cartridge Ordering Guide

PureFlo Nylon Filters	Removal Rating	End Modifications	Length	O-Ring / Gasket Materials	Package Qty	Inserts
NAN = All Nylon Non-woven Media	10 = 1 micron	0 = 222 O-Ring Flat	1 - 10"	E = EPDM	1= 1pc/ pack	Blank = Standard -5 = SS Insert
	30 = 3 micron	3 = 222 O-Ring w/tabs Spear	2 - 20"	N = Buna N		
	50 = 5 micron	5 = 222 O-Ring Spear	3 - 30"	P = Peroxide Cured EPDM		
	1X = 10 micron	6 = 226 O-Ring Flat	4 - 40"	Q = Platinum Cured Silicon		
	2X = 20 micron	7 = 226 O-Ring Spear	5 = 5"	S = Silicone		
	4X = 40 micron	8 = 223 O-Ring Flat	9 = 9.75"	T = TEV or FEP Gasket		
		B = 1.5" Tri-Clamp Flat		U = TES*		
		F = DOE Flat Gasket		V = Fluoroelastomer		
		S = SOE Flat Gasket		O = No O-ring		
		Z = SOE Internal O-ring Flat **				
Example - All Nylon Media, 10", 20 micron cartridge, with 2-226 Silicone o-ring, Spear, and no insert would be NAN2X71S1						
* - not available in Code Z ** - only available in 5", 9.75", 10" and 20", retrofit for DOE housings						

Your Local Distributor:

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