

# PureFlo All Nylon Filter Capsules

(SNL Series)

## All Nylon Capsule

PureFlo® All Nylon filter capsules are highly retentive, naturally hydrophilic nylon membrane filters that have been specially designed for liquid applications. The nylon membrane in an all-nylon construction provides excellent chemical compatibility and superior flow per unit area as compared to other membrane capsules. No adhesives, binders, or surfactants are used in the manufacturing process. All capsules are rinsed with high-purity water to reduce extractables and downtime.

The naturally hydrophilic nylon membrane does not require pre-wetting with IPA and flushing with DI water, thereby eliminating a potential source of contamination and hazardous waste.

All filter capsules are 100% integrity tested to ensure filter performance each and every time out of the package. PureFlo nylon filter capsules are well-suited for critical applications where superior flow and particle removal efficiency at 0.05, 0.1, 0.2, 0.45, 0.65, 0.8, and 1.2 micron is required.



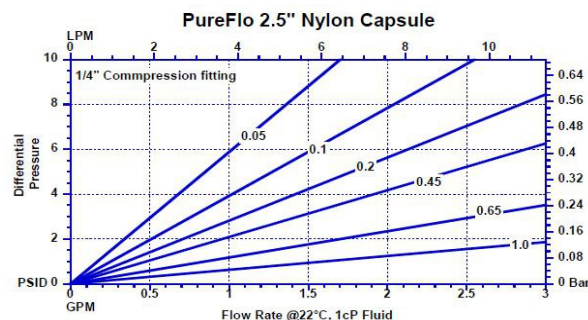
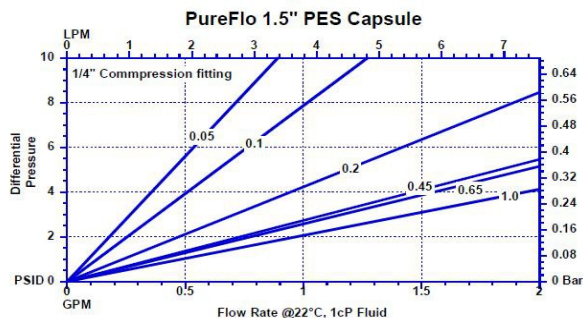
### Applications

Solvents Water	
Hard Particle	Beverages
Cell Removal	Pharmaceuticals
Chemicals Biologics	

## Specifications

Materials of Construction:	Media: Naturally Hydrophilic Nylon 6,6
Media Supports: None	
Cage,	Core, End Caps: Nylon
	Sealing: Thermally bonded
Fitting Connections:	See ordering guide for the availability. (Custom adaptors available upon request)
Nominal Dimensions:	Lengths: 1.5in. (68mm), 2.5in. (98mm), 5in. (153mm), 7.5in. (251mm), and 10in. (281mm)
Diameter:	2.88 in. (73mm)
Effective Filtration Area:	1.5 in - 0.74 ft <sup>2</sup> (690 cm <sup>2</sup> ), 2.5 in - 1.4 ft <sup>2</sup> (1300 cm <sup>2</sup> ), 5.0 in - 2.64 ft <sup>2</sup> (2450 cm <sup>2</sup> ), 7.5 in - 4.0ft <sup>2</sup> (3750 cm <sup>2</sup> ), 10 in - 5.3 ft <sup>2</sup> (4900 cm <sup>2</sup> )
Operating Conditions:	Maximum Operating Pressure: Liquid: 5.5 bar (80psi) at 72°F/22°C 3.0 bar (43.5psi) at 203°F/95°C 4.1 bar (60psi) at 72°F/22°C
Liquid:	Maximum Forward Differential Pressure: 4.2 bar (60psi) at 72°F/22°C 1.5 bar (21.75psi) at 203°F/95°C
Gas:	Maximum Reverse Differential Pressure: 2.1 bar (30 psi) at 72°F/22°C Minimum Burst Pressure: 8.3 bar (120psi) at 72°F/22°C
Maximum	Operating Temperature: : 203°F/95°C

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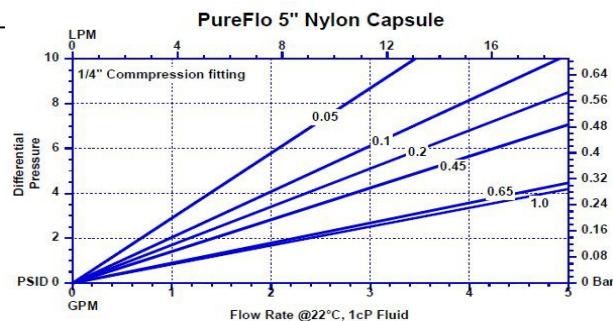
### Specifications (cont.)

#### Autoclavable & Sanitizable:

Capsules can be autoclaved 5 times at 257°F/125°C for 30 minutes or chemically sanitized in situ using common sanitizing agents or hot water at 194°F/90°C for a limited time (dependent on time and temperature). Capsules must not be in situ steam-sterilized.

#### Regulatory Compliance:

The filters are constructed with polypropylene resins and filtration media in compliance with 21CFR Part 177 of the US Code of Federal Regulations and USP Class VI Biological Test for Plastic.



### PureFlo All Nylon Filter Capsule Ordering Guide

PureFlo Capsule Filters	Vent & Drain Fitting	Filter Media	Pore size (Micron)	Length	Input Fitting	Output Fitting	Options
<b>SN</b> Media on All Nylon Construction 70mm Diameter	<b>L</b> = Female Luer Lock	<b>N</b> = Nylon	<b>005</b> = 0.05	<b>H</b> = 1.5"	<b>1C 1C</b>	= 1/8" Compression	<b>Shell Material</b>
	<b>P</b> = M8 Threaded Plug - <u>Limited options</u>		<b>010</b> = 0.10	<b>S</b> = 2.5"	<b>1H</b>	<b>1H</b> = 1/8" Hose barbs	<b>Blank</b> = Nylon construction
			<b>020</b> = 0.20	<b>L</b> = 5"	<b>1N 1N</b>	= 1/8" MNPT	<b>Sterilization</b>
			<b>045</b> = 0.45	<b>E</b> = 7.5"	<b>1NF 1NF</b>	= 1/8" FNPT	<b>-ETO</b> = Ethylene Oxide Sterilization
			<b>065</b> = 0.65	<b>K</b> = 10"	<b>1Q 1Q</b>	= 1/8" Male Quick Coupling with Metal latch	<b>Vent &amp; Drain</b>
			<b>080</b> = 0.80		<b>1QF 1QF</b>	= 1/8" Female Quick Coupling with Metal latch	<b>-N</b> = No vent or Drain fittings
			<b>120</b> = 1.20		<b>1QFV 1QFV</b>	= 1/8" Female Valved Quick Coupling with Metal latch	<b>-NI</b> = No vent or drain inlet fitting
					<b>1QV 1QV</b>	= 1/8" Male Valved Quick Coupling with Metal latch	<b>-NO</b> = NO vent or drain Outlet fitting
					<b>2H</b>	<b>2H</b> = 1/4" to 1/2" Hose barbs	
					<b>2HS 2HS</b>	= 1/4" to 3/8" Hose barbs	
					<b>2LF</b>	<b>2LF</b> = Large Female Luer Lock fitting	
					<b>2N</b>	<b>2N</b> = 1/4" MNPT	
					<b>2NF</b>	<b>2NF</b> = 1/4" FNPT	<b>O-Ring for Quick Coupling</b>
					<b>2P 2P</b>	= 1/4" Push to Connect	<b>Blank</b> = O-ring Silicon (Standard)
					<b>2PE 2PE</b>	= 1/4" Push to Connect Elbow	<b>-OE</b> = O-ring EPDM
					<b>2Q 2Q</b>	= 1/4" Male Quick Coupling for Metal latch	<b>-ON</b> = O-ring Nitrile
					<b>2QF</b>	<b>2QF</b> = 1/4" Female Quick Coupling with Metal latch	<b>-OV</b> = O-ring Viton
					<b>2QFP 2QFP</b>	= 1/4" Female Quick Coupling with Plastic latch	
					<b>2QFV 2QFV</b>	= 1/4" Female Valved Quick Coupling with Metal latch	
					<b>2QP 2QP</b>	= 1/4" Male Quick Coupling for Plastic latch	
					<b>2QV 2QV</b>	= 1/4" Male Valved Quick Coupling with Metal latch	
					<b>2V</b>	<b>2V</b> = 1/4" Walther Quick Connect	
					<b>3H</b>	<b>3H</b> = 3/8" Hose Barb	
					<b>3HE 3HE</b>	= 3/8" Hose Barb Elbow	
					<b>3H-FB</b>	= 3/8" Hose Barb with filling bell or <b>-FC</b> with Cap	
					<b>3NF 3NF</b>	= 3/8" FNPT	
					<b>4H</b>	<b>4H</b> = 1/2" Hose Barb	
					<b>4N 4N</b>	= 1/2" MNPT	
					<b>4Q 4Q</b>	= 1/2" Male Quick Coupling for Plastic latch	
					<b>MT MT</b>	= 1/2" Tri clamps	
					<b>TC TC</b>	= 1-1/2" Tri clamp	
					<b>TS</b>	= Shower Head	
Example - 0.2um Nylon with Nylon Construction, Luer Lock V/D, 1.5" internal filter, 1/4" MNPT I/O is <b>SNLN020H2N2N</b>							
Quick Couplings are molded. Female Quick Couplings with Plastic latch will be threaded on, compatible with CPG (Colder), LinkTech and others.							



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