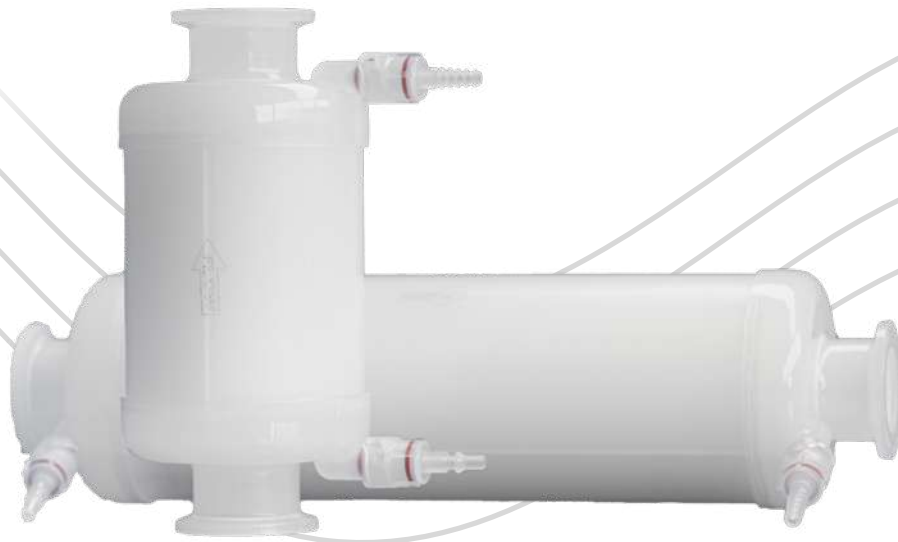


CLK series Nylon membrane Bio-burden Reduction Capsule Filters

CLK series nylon membrane in an all-polypropylene construction provides excellent chemical compatibility and superior flow per unit area. The naturally hydrophilic nylon membrane does not require prewetting with IPA and flushing with DI water, thereby eliminating a potential source of contamination. The capsules are well-suited for critical applications where superior flow is required.



Capsule

Typical Applications

- Solvents
- Parts Cleaning
- Fine Chemicals
- Cosmetics
- Ink Jets
- Pharmaceuticals
- Process Water
- Biologics

Construction Materials

- Filter Media: Nylon
- Media Support: Polypropylene
- End Caps: Polypropylene
- Inner Core: Polypropylene
- Outer Cage: Polypropylene

Fitting Option

- 1.5" TC
- 0.5" TC
- 1/2" Hose Barb
- 3/4" Hose Barb

Vent/Drain Option

- Staubli
- Stepped hose barb

Filtration Area

Size	Filtration Area
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- 2.5" = 1480 cm²
- 5" = 2650 cm²
- 10" = 6200 cm²
- 20" = 12400 cm²
- 30" = 18600 cm²
- 40" = 24800 cm²

Toxicity

- All plastic parts meet the specifications for biological safety per USP Class VI -121°C for plastics.

Capsule Integrity

- Minimum burst pressure: 123.5psi (8.5 barg)

Cartridge Integrity Test Specifications

Pore size	Min.Bubble point
0.1 µm	3.5 barg@22°C
0.2 µm	2.8 barg@22°C
0.45 µm	1.8 barg@22°C
1 µm	0.6 barg@22°C

Food Safety Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21 CFR.
- Materials used to produce filter media and hardware are safe for use in contact with foodstuffs in accordance with EU Directives 10/2011.

Eg.=>CIKNY0010GNSS5TCSS0

ORDERING INFORMATION											
Product Type	Membrane Type	Membrane pore size	Application	Sterilization	Size	Fittings In/Out	Vent/Drain	Revision			
CIK = Capsule InT Filter	NY = Nylon	0010 = 0.1 μm	B= Low Bio	N = Not Sterile	SS = 2.5"	5TC = 1.5" TC	SS = St/St	0 = Bag label			
		0020 = 0.2 μm			LL = 5"	2HB = 1/2" HB	HH = HB/ HB	1 = Housing label			
		0045 = 0.45 μm			TE = 10"	4HB = 3/4" HB	SH = St/HB				
		0100 = 1 μm			TW = 20"	T2B = 1.5" TC/ 1/2" HB	HS = HB/St				
					TH = 30"	T4B = 1.5" TC/ 3/4" HB					
					FO = 40"	2BT = 1/2"HB/ 1.5TC					
					2B4 = 1/2"HB/ 3/4"HB						
					4BT = 3/4"HB/ 1.5"TC						
					4B2 = 3/4"HB/ 1/2"HB						