

CIL series

Hydrophobic PTFE membrane
Capsule Filter

TIn line filter Hydrophobic PTFE membrane

Capsule Filters bio-burden reduction

The TIn-line capsule filters is family of full size capsule filters available in multiple option of length. The PTFE membrane bio-burden reduction capsule utilizes single layer hydrophobic PTFE membrane. It offers broad chemical compatibility, high flow rate and low extractables.



Capsule

Benefits

- 100% integrity tested
- FDA food contact compliant
- Thermal bonding
- Non-fiber releasing

Typical Applications

- Sterile air feed
- Chemicals
- Pharmaceuticals
- Solvent

Toxicity

- All materials meet the specifications
- far biological safety per USP Class
- VI -121C° far plastics.

Filter Area

- 6500 cm²/10"

Fitting Option

- 1.5" TC

Vent/Drain Option

- Hose barb

Capsule Integrity

- Minimum burst pressure: 123.5psi (8.5barg)

Construction Materials

- Filter Media: ePTFE membrane
- Media Support: Polypropylene
- Capsule: Polypropylene
- Inner Core: Polypropylene
- Outer Cage: Polypropylene
- Sealing Method: Thermal Bonding

Sanitization /Sterilizaion

Autoclavable

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, 21CFR. Materials used to produce filter media and hardware are safe for use in contact with foodstuffs in accordance with EU Directives 10/2011

Capsule Integrity Test Specifications

Pore size	Bubble point	Water Intrusion	Diffusive Flow
0.2 µm	≥ 1.2 barg(IPA/Water)	≤ 0.37ml/min @2500mbar/10",22°C	≤ 10ml/min @800mbar/10",22°C

Eg.=>CILPT0020BNSS5TCHH0

ORDERING INFORMATION								
Product Type	Membrane Type	Membrane pore size	Application	Sterilization	Size	Fittings In/Out	Vent/Drain	Revision
CIL= TIn-Line Capsule Filter	PT = PTFE phobic	0020 = 0.2 µm	B =Low Bio	N = Not Sterile	SS = 2.5"	5TC = 1.5" TC	HH = HB/HB	0 = Bag label
					LL = 5"			1 = Housing label
					TE = 10"			
					TW = 20"			
					TH = 30"			
					FO = 40"			