

CTP/CHP/CNP Series Capsule Filters

*Providing small-scale options for
pharmaceutical applications*

CTP, CHP, and CNP series capsule filters are designed to provide smart, disposable, and safe filtration for small volume liquid or air applications.

The filters are constructed of polypropylene (PP) components with PP/PES/PTFE membrane to meet your specific process requirements.

CTP series with inlet and outlet 1.5" tri-clamp connection, CHP series with single hose barb connection, and CNP with multi-stepped hose barb connection offer flexibility for easier installation.

APPLICATIONS

- Lab-scale or small volume applications
- Bioburden reduction or sterile filtration (with PES membrane)
- Air and gas or venting (with PTFE membrane)



Provides flexibility in small volume applications.

FEATURES & BENEFITS

**All components meet
USP<87><88>, 21 CFR
and commission regulation
for food contact materials**

Provides biosafety insurance and
global regulatory compliance

**Multiple media choices with
different filter connections
and lengths**

Provides flexibility of utilized in
different trials and processes

**100% integrity test before
release (filters with PES or
PTFE membrane)**

Safe and sterile filtraton for
pharmaceutical applications

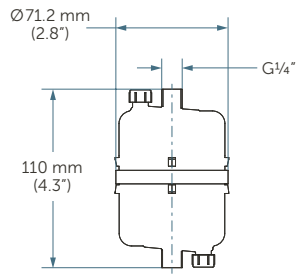
SPECIFICATIONS

Materials of construction	Membrane	PES/PTFE/PP
	Housing	PP
	Support	PP
	Core and Cage	PP
	End Caps	PP
	O-rings/Gasket	Silicone
	Sealing technology	Thermal bonding, no adhesives
Retention rating	0.1, 0.22, 0.45 µm (Depends on membrane choice, contact Entegris for details)	
Maximum differential pressure	Liquid Forward: 3.5 bar @ 25°C (77°F), 3.0 bar @ 60°C (140°F)	
Autoclave cycles	3 cycles of autoclave 30 mins at 127°C (261°F), cannot be sterilized by steam-in-place.	
Food contact material	All components meet the requirements of (EC) No 1935/2004	
Indirect food additive	All components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177	
Quality	Manufactured in accordance with ISO 9001 and ISO 13485 certified quality management system	

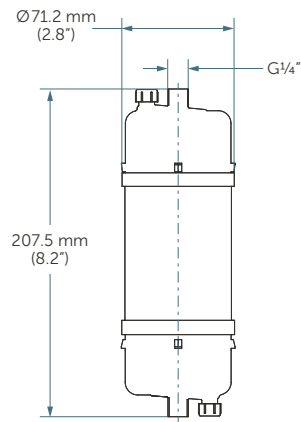
DIMENSIONS

CNP Capsule Filters

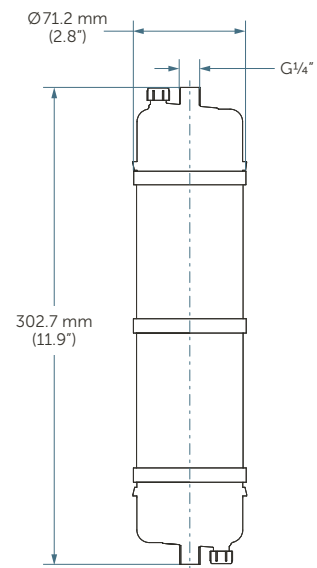
Size 2.5"



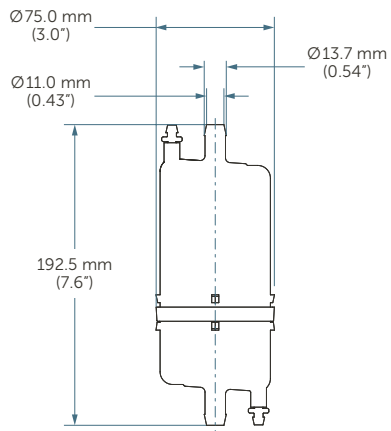
Size 5"



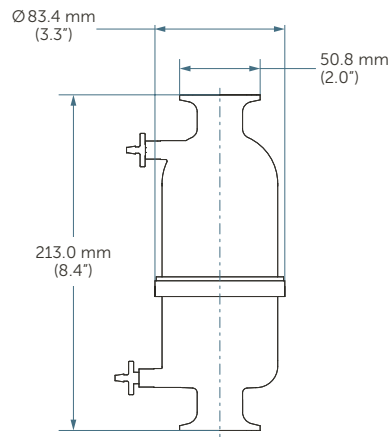
Size 10"



CHP Capsule Filter

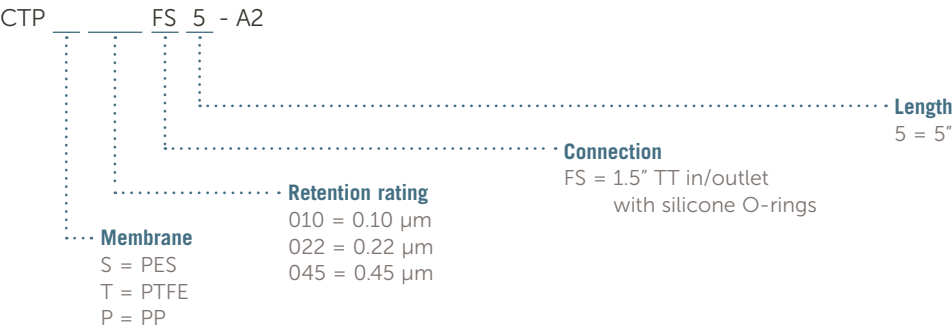


CTP Capsule Filter

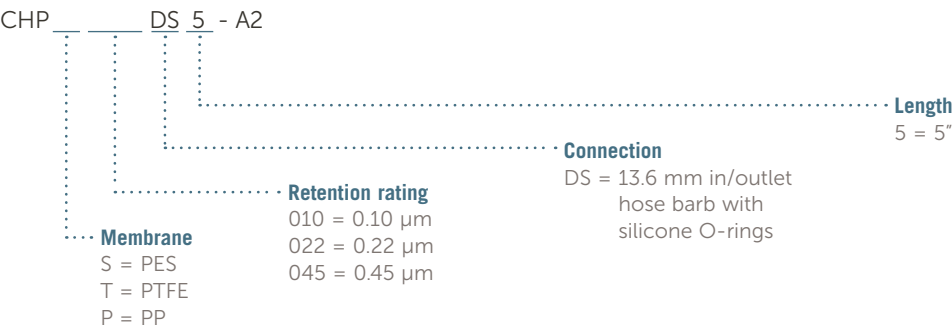


ORDERING INFORMATION

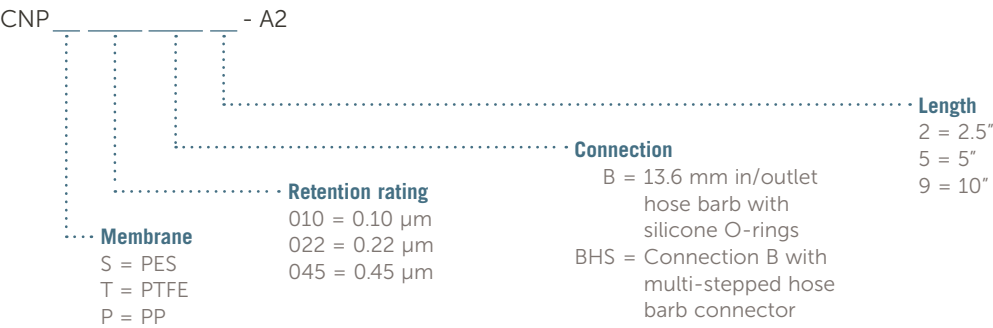
CTP Series Capsule Filter: part number



CHP Series Capsule Filter: part number



CNP Series Capsule Filter: part number



FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the [Contact Us](#) link to find the customer service center nearest you.

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