COFILTERS

Mini Pleated Cartridge Filter

Provides flexibility for lab scale to commercial membrane options

Mini cartridge filters are small effective area filters that can be optimized with different media for both liquid and air and gas applications.

The filters can be outfitted with polypropylene (PP) or PES media for small-volume liquid applications. When used with hydropho-bic PTFE, these filters become sterilizing-grade and can be used for either air and gas applications or venting.

These single open-end filters have a 56 mm outer dimension, which provides a smaller effective area.

APPLICATIONS

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



Flexibility for both experimentation and production.

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 options with different filter lengths	Provides flexibility of utilized in different trials and processes
100% integrity tested before release (filters with PES or PTFE membrane)	Provides safe, sterile filtration for air and gas in pharmaceutical applications

SPECIFICATIONS

Materials of construction	Membrane	PES/PTFE/PP
	Support	PP
	Core and Cage	PP
	End Caps	PP
	O-rings/Gasket	Silicone
	Sealing technology	Thermal bonding, no adhesives
Dimensions	Diameter	Ø56 mm
	Length	2.5", 5"
Filtration area	≥2.2 ft² per 5" cartridge	
Retention rating	0.1, 0.22, 0.45 µm (Depends on membrane choice, contact Entegris for details)	
Maximum differential pressure	Forward: 4.2 bar @ 23°C (73°F), 1.5 bar @ 85°C (185°F)	
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	

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