

Micro Clean Pharma Grade

Description



Micro Clean Pharma Grade Series Filters are constructed by graded-density Melt blown polypropylene microfiber, polypropylene support, and polypropylene components.

Micro Clean Pharma Grade Series provide superior flow rates and dirty holding capacity for a wide range of liquid primary clarification applications.

Filter cartridges are using welding techniques and manufactured in the cleaning room to enable the smallest contaminant extraction and higher durability.

Specifications

Materials:

- Medium: Polypropylene
- Core ,cage and endcaps : Polypropylene
- Support layer: Polypropylene
- O-ring: Silicone, the other o-ring material is optional.

Removal Ratings:

- 0.2, 0.45, 1, 3, 5, 10, 20, 30, 40, 50, 75, 100µm

Configurations:

- Diameter : 69mm (Outer diameter),
28mm (Inner diameter)
- Length: 5", 10", 20", 30", 40"

Maximum operating temperature: 80°C/176°F

Maximum operating forward pressure drops:

2.81kg/cm² (40 psi) at 82°C(180°F);

5.62kg/cm² (80 psi) at 24°C(75°F)

Bacterial Endotoxin:

<0.25 EU/ml, based on USP43-NF38 <85>

Bacterial endotoxins test

Component Material Toxicity:

All component materials are nontoxic per current USP Class VI Biological Test for Plastics.

Indirect Food Additive:

All component materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177–182.

Non-fiber Releasing:

The filters meet the criteria for a “non-fiber releasing” filter as defined in 21 CFR 210.3(b)(6).

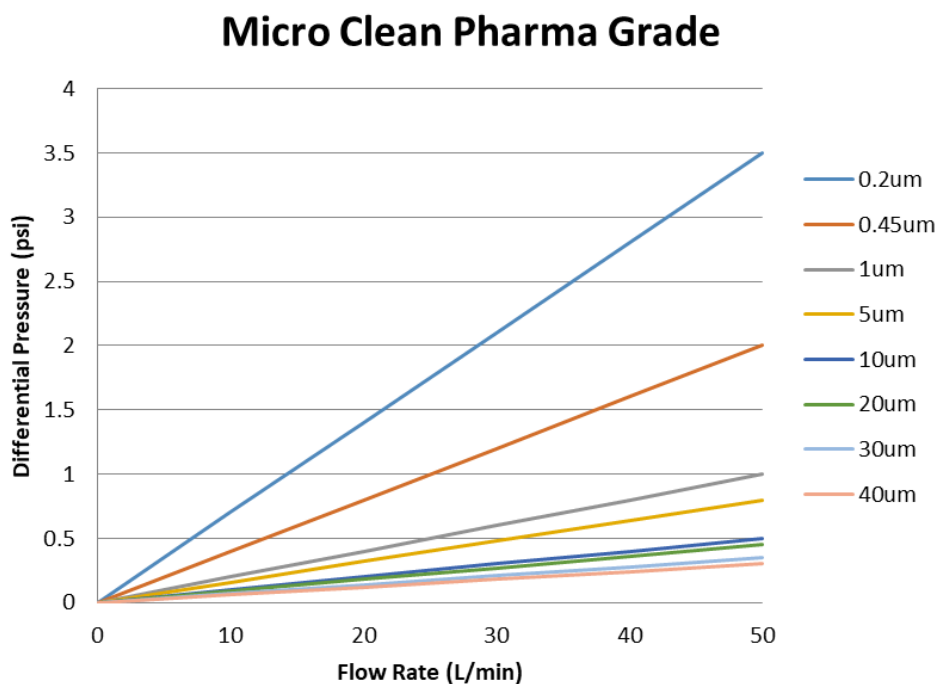
Benefits & Features

- Consistent and excellent filtrate quality due to highly stable media structure.
- Long life due to high contaminant holding capacity.
- No extractable, ensure superior downstream cleanliness.
- Full traceability to materials and production records.

Applications

- Protection of downstream equipment in pharmaceutical process
- Blood and Plasma fractionation
- Early clarification steps in vaccine production.
- Beverage/Wine clarification.
- RO/DI Pre-filtration.

Performance



Ordering Information

MC	D	B45	1	S	2H	A	S
Product Name	Grade	Rating (um)	Length	O-ring	Code Number	Pre-Flush	Disinfection
Micro Clean	D: Pharma grade	B20: 0.2	A: 5"	E: EPDM	DO: Double Open	A: Pre-Flush with DIW	S : Steam (autoclave)
		B45: 0.45	1: 10"	S: Silicone	2C: 222/Cap		
		C10: 1	2: 20"	V: FKM	2S: 222/Spear		
		C50: 5	3: 30"	T: FEP	6F: 226/Cap		
		D10: 10	4: 40"	encapsulated	6B: 226/Spear		
		D20: 20		FKM	2L: 222 (with tabs, Autoclavable)/Cap		
		D30: 30			2H: 222 (with tabs, Autoclavable)/Spear		
		D40: 40			6L: 226 (with tabs, Autoclavable)/Cap		
		D50: 50			6H: 226 (with tabs, Autoclavable)/Spear		
		D75: 75					
		E10: 100					