

HixCap® 20

For Liquid Filtration

Filtering capsules with a pleated area of 20cm² that have a much greater throughput than the general filter. Suitable for filtering water, acids, aqueous and organic solutions.

Especially used for laboratory applications such as purified and sterile water, culture media, buffers, etc., as well as small productive batches.

Specifications

Features

Filtration area: 19.8cm²

Connection adapter: I/O multiple stepped hose barb 7-13mm

Materials

Membrane: PES, NY66, PP

Housing: Polypropylene

Pore Sizes

PES: 0.1, 0.2 and 0.45µm

NY66: 0.2 and 0.45 µm

PP: 1.0µm

Biological Safety

All materials used have passed the USP(88) requirements for Class VI-121°C biological safety testing of plastics and USP(87) requirements for in-vitro testing of cytotoxicity.

Indirect Food Additive

The membrane used in the filter meets the FDA Indirect Food Additive requirements cited in 21 CFR 177.2910. All other material components also meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182.



Bacterial Retention

LRV≥7 for bacterial challenge under ASTM F 838-05

Brevundimonas diminuta is for 0.2µm

Serratia marcescens is for 0.45µm

Max. Allowable Differential Pressure

3.5 bar at 25°C

1.0 bar at 50°C

Cleanliness

The filter meets the USP requirements on particle matters of injection and meets the 21 CFR 210.3(b)(6) criteria of no fiber releasing.

Sterilization

Autoclaving at 121°C, 30 min, 2 bar, min 15 cycles.

SIP not recommended.

Ordering Information

Name		Filter Media		Type		Pore Size		Size		Connection	
HC		PE		A		02		00		HB	
HC	HixCap	PE	PES	A	Absolute	01	0.1µm	00	20cm ²	HB	Hose barb
		PP	Polypropylene	N	Nominal	02	0.2µm				
		NY	Nylon 66			04	0.45µm				
						10	1.0µm				