

Parker Product Datasheet



PROPOR HC high capacity sterilizing grade filters have been specifically designed to extend throughput and capacity preventing premature filter blockage when processing complex pharmaceutical and biologic solutions.

PART NUMBER: ZEHCA-620TT-PN3

LENGTH: 7.9' (200 mm)

PRODUCT STYLE: DEMICAP Capsule

SEAL MATERIAL: n/a

CONFIGURATION: n/a

OUTLET CONNECTION SIZE: 1' Tri-Clamp

INLET CONNECTION SIZE: 1' Tri-Clamp

END CAP CONFIGURATION: n/a

GRADE: Non-Sterile

OPTIONS: n/a

PRODUCT OVERVIEW

PROPOR HC filters offer effective and economical processing of difficult to filter or viscous solutions.

The optimized PROPOR HC PES membrane configuration features a highly asymmetric membrane prefilter later, which significantly extends throughput and prevents the problems associated with premature filter blockage with complex solutions.

PROPOR HC filters are high capacity and fast flowing. The PES membrane is inherently low binding, which minimizes product loss due to protein or preservative adsorption. The filters have low extractable levels and a broad chemical compatibility.

Features and Benefits

- Optimized membrane configuration allows up to ten times the throughput compared to single layer membrane products.
- Integral prefilter layer can condense filter trains for greater processing economy
- Fully validated by bacterial challenge testing with Brevundimonas diminuta to current ASTM F838-05 methodology and integrity testable for assurance of sterility
- Single-use capsules can be gamma-irradiated and autoclaved

TECH SPECIFICATIONS

DIVISION	Bioscience and Water Filtration Division
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FOR FLUID TYPE	Pharmaceutical Liquids
INDUSTRY	Pharmaceuticals
SPECIFICATIONS MET	Fully validated to ASTM F838-05 liquid bacterial challenge
SPECIFICATIONS MET	FDA 21 CFR Part 177
SPECIFICATIONS MET	USP Plastics Class VI - 121°C
APPLICATION	Sterile Liquid Filtration and Bioburden Reduction

BRAND	Parker
TECHNOLOGY	Filtration
PRODUCT SERIES	PROPOR HC
PRODUCT TYPE	Liquid Filter Element
MATERIALS OF CONSTRUCTION	Filtration Membrane: Polyethersulphone
	Prefilter Membrane: Polyethersulphone
	Upstream Support: Polyester
	Downstream Support: Polyester
	Core: Polypropylene
	Sleeve: Polypropylene
OPERATING TEMPERATURE	End Caps: Nylon
	Capsule Body: Nylon
	Capsules
	up to 104 °F at Line Pressures up to 5.0 barg (72.0 psig)
OPERATING TEMPERATURE	up to 40 °C at Line Pressures up to 5.0 barg (72.0 psig)
FILTER CONSTRUCTION	Pleated
FILTER MATERIAL	Polyethersulfone (PES)
MICRON RATING	0.2 micron