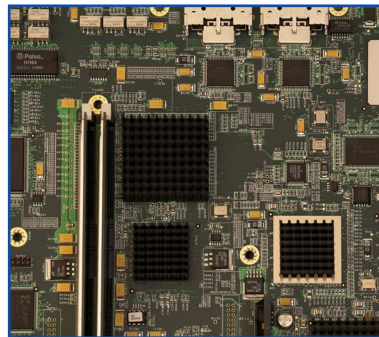# HiPure
FILTRATION, INC

PurePleat PRO

Polyethersulfone Membrane Cartridges

PurePleat PRO used for critical process filtration in electronics, DI water, chemical manufacturing, wine, beer & other beverage filtration

FEATURES AND SPECIFICATIONS

- PurePleat PRO is offered in .22 and .45 micron @ 99% filtration efficiency
- USA Manufacturing assures a superior and consistent product
- Cartridges have excellent dirt holding capacity with low flow resistance
- Naturally hydrophilic media does not need wetted before use
- Multiple end cap configurations available
- Polyethersulfone media is excellent for its low protein binding and chemical compatibility
- Cartridges are manufactured to meet FDA Title 21 for food contact applications
- Cartridges are constructed in a clean room environment
- Multiple O-ring & Gasket materials available
- Compatible Filter Housings: ICS, ICC, SCC, SCB

Toxicity	Purity
HiPure's Cartridges are manufactured with no additives or other manufacturing agents. All materials used in the production meet FDA Title 21 of the Code of Federal Regulations 174.5 and 177.1520.	Thermal bonding and ultrasonic welding ensure cartridges are free of surfactants, resins, binders and adhesives

Sterilization
Multiple autoclaving for 30 Minutes at 250°F (121°C) under no end load conditions. In-line steam sterilization is not recommended. May be In-line sanitized with hot water at 180°F (82°C) for 1 hour.

Product Specifications	
Retention Ratings:	.22, .45,
Membrane:	Polyethersulfone
Support Media:	Polypropylene
End Caps:	Polypropylene
Center Core:	Polypropylene
Outer Support Cage:	Polypropylene
Maximum Operating Temperature:	175°F
Nominal Diameter:	O.D. - 2.65" I.D. - 1" center
Lengths:	10, 20, 30, & 40 inch
Maximum Differential Pressure:	45 psid

FDA compliance under Title 21 of the code of federal regulations for food contact applications

AVAILABLE END CAPS

| 226 | 222 | DOE Gasket | Fin | Closed |

BUILDING A PART NUMBER:

Series	Micron	Cartridge Length	End Configuration	Oring/Gasket material
HPPES	.22	10	Double Open Ended	S = Silicone
	.45	20	222FLT= 222 / Flat	B = Buna
		30	222FIN = 222 / Fin	D = EPDM
		40	226FIN = 226 / Fin	