POLICAP-PLUS POINT-OF-USE(POU) CMP FILTER CAPSULES

Membrane Solutions PoliCap-Plus point-of-use(POU) capsule is specially designed for advanced CMP applications, especially optimized for colloidal silica, ceria, and very fine alumina-based slurries. Structurally, the convenient disposable design allows for quick installation, minimizes exposures to the slurries and reduces waste. PoliCap-Plus capsules are available with melt-blown or membrane-rolled filter media, meanwhile, available with flexibility connector options.



- All-polypropylene construction for low cost.
- Disposable design for easy change-outs and minimizes exposures to the slurries.
- Low hold-up volume, to reduce slurry waste and prevent deposition.
- Flexibility in connector options.
- Low pressure drop and excellent removal efficiency.
- High contaminant holding capacity and long service life.

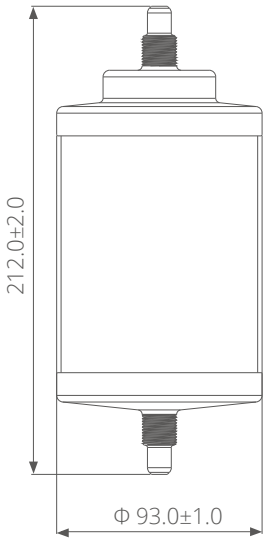
SPECIFICATIONS

Materials	Filter Layers/Support	polypropylene
	Cage/Core/End Cap	polypropylene
	O-ring	EPDM
Removal Rating	70nm, 0.1μm, 0.2μm, 0.3μm, 0.5μm, 0.7μm, 1.0μm	
	Inlet/outlet	3/8" Flaretek[1] Easy-touch
	Vent/drain	/
Dimensions	Outer Diameter	93mm
	Inner Filter Diameter	69mm
	Lengths	5inch
Max. Operating Conditions	Max. Operating Pressure	0.34 MPa (50 psi) @ 25 ˚C (77 ˚F)
	Max. Forward Differential Pressure	0.24 MPa (35 psi) @ 21 ˚C (70 ˚F) 0.40 MPa (58 psi) @ 82 ˚C (176 ˚F)
	Max. Reverse Differential Pressure	0.21 MPa (30 psi) @ 25 ˚C (77 ˚F)
	Max. Operating Temperature	80 ˚C (176 ˚F)

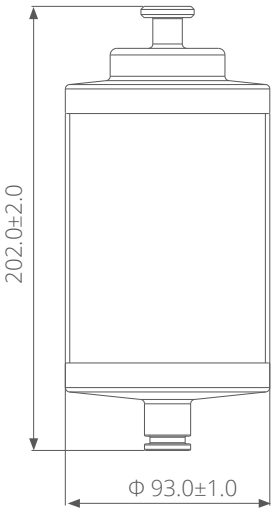
[1] Flaretek is a trademark of Entegris, Inc.

DIMENSIONS

Code F3 I/O 3/8" Flaretek no V/D

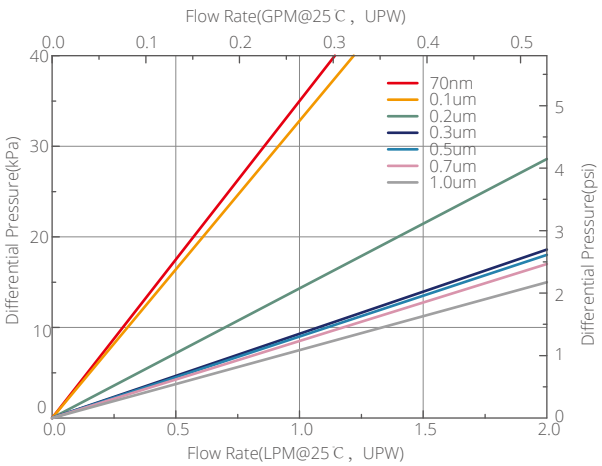


Code E0 I/O Easy-touch no V/D



FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

PoliCap-Plus Depth Capsule



ORDERING INFORMATION

PCP

