PHOTO-UNIX UPE MEMBRANE FILTER

Membrane Solutions Photo-Unix series UPE filters have a large range removal ratings from 2nm to 0.2μm. Cartridge filters ensure excellent retention capabilities, cleanliness and high chemical compatibility to meet the critical demands in SEMI-Photo processes.

The UPE membrane materials ensues cleanliness, low particle shedding and eliminates contaminants, thereby improving removal efficiency. In addition, the filter's large membrane surface area provides high flow rate and extended service lifetime.

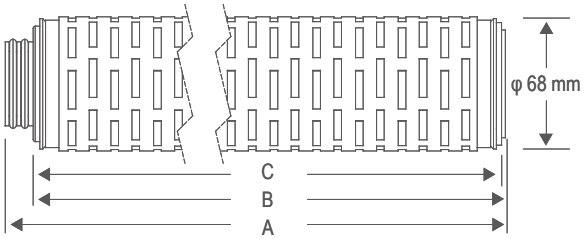


- High Efficiency
- Excellent Chemical Compatibility
- Good Initial Cleanliness
- Low Metal and Organic Extractables
- 100% Integrity tested

SPECIFICATIONS

Materials	Membrane	Hydrophobic UPE
	Support, Core and Cage	HDPE
	O-ring (222)	EPDM/TEV
Removal Rating	2nm, 5nm, 10nm, 20nm, 30nm, 50nm,0.1μm, 0.2μm	
Membrane Area	SX (φ68mm)	1.2 m^2/10"
	MX (φ81mm)	1.8 m^2/10"
Max. Operating Conditions	Max. Forward Differential Pressure	0.34 MPa (49 psi) @ 25 °C(77 °F)
	Max. Reverse Differential Pressure	0.24 MPa (34 psi) @ 25 °C (77 °F)
	Max. Operating Temperature	40 °C (104 °F)
Package	Dry; Prewet by UPW	

DIMENSIONS



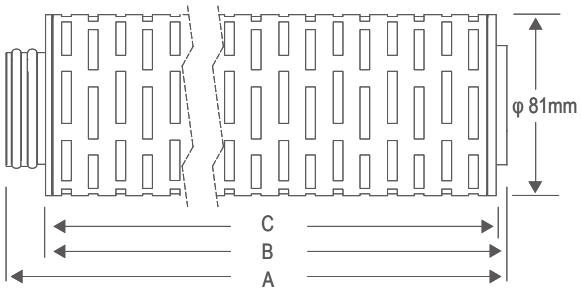


Photo-Unix φ68mm Cartridge (SX)

Nominal Size	A	B	C
4″	131.5±2mm	117.0±2mm	115.0±2mm
10″	249.5±2mm	235.0±2mm	233.0±2mm
20″	488.5±2mm	474.0±2mm	432.0±2mm

Photo-Unix φ81mm Cartridge (MX)

Nominal Size	A	B	C
4″	118.0±2mm	103.0±2mm	101.0±2mm
10″	238.0±2mm	223.0±2mm	221.0±2mm
20″	460.0±2mm	445.0±2mm	443.0±2mm

FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

Photo-Unix SX 10" Cartridge Filter

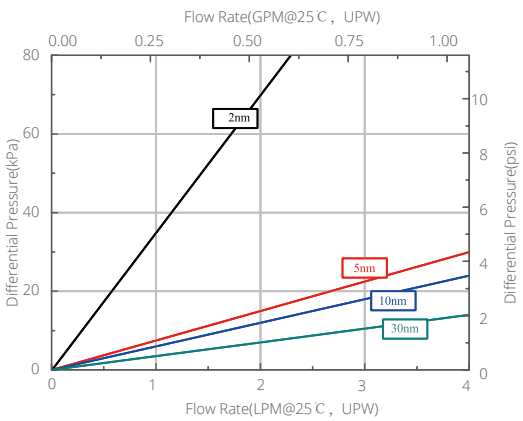


Photo-Unix SX 10" Cartridge Filter

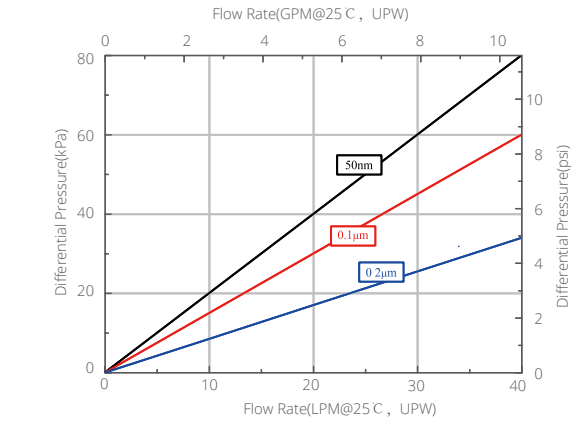


Photo-Unix MX 10" Cartridge Filter

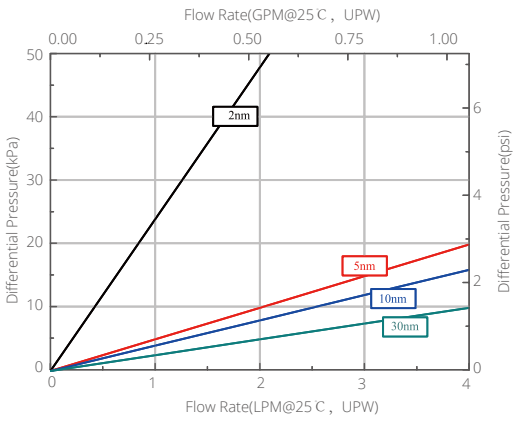
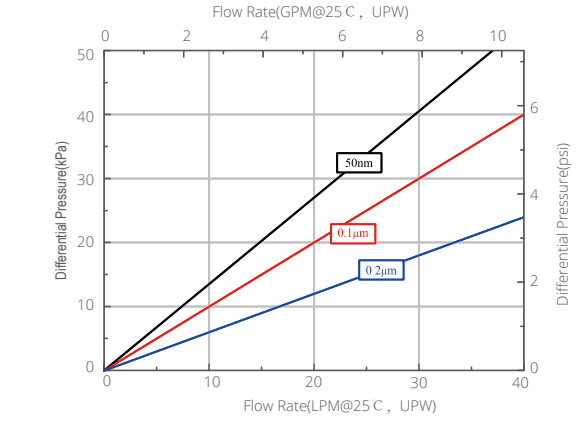


Photo-Unix MX 10" Cartridge Filter



ORDERING INFORMATION

