PHOTO-NOVEL NYLON CHEMICAL FILTER

Membrane Solutions Photo-Novel series Nylon filters have high flow rate performance, good retention rate and excellent organic cleanliness. It is especially designed for photoresists, solvent and other chemicals in SEMI-Photo processes.

The Nylon membrane used in Photo-Unix series filters is naturally hydrophilic nylon materials. It possesses low metal and particle cleanliness, and most important is the very low level of organic extraction.



- High Efficiency
- Naturally Hydrophilic
- Excellent organic extraction cleanliness
- Manufactured in cleanroom
- 100% Integrity tested

SPECIFICATIONS

Materials	Membrane	Nylon 66
	Support, Core and Cage	HDPE/PP
	O-ring (222)	EPDM/TEV
Removal Rating	2nm, 5nm, 10nm, 20nm, 30nm, 50nm, 0.1μm	
Membrane Area	SX (φ68mm)	0.7 m^2/10″
	SY (φ68mm)	1.3 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

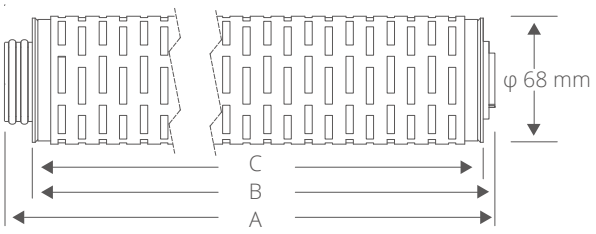


Photo-Unix φ68mm Cartridge (SX, SY)

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

FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

Photo-Novel SX 10" Cartridge Filter

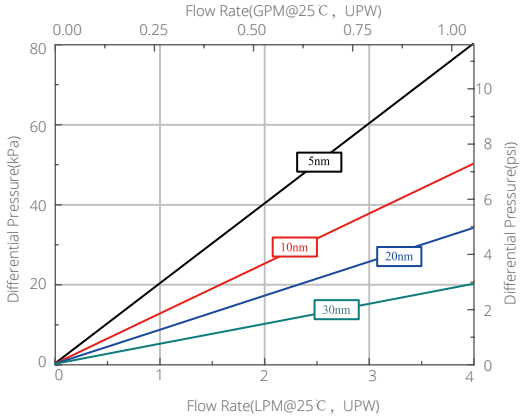


Photo-Novel SX 10" Cartridge Filter

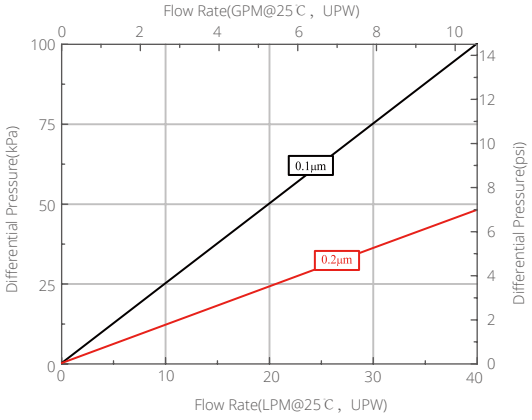


Photo-Novel SY 10" Cartridge Filter

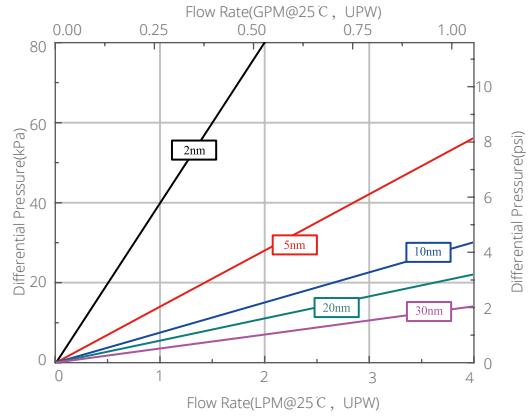
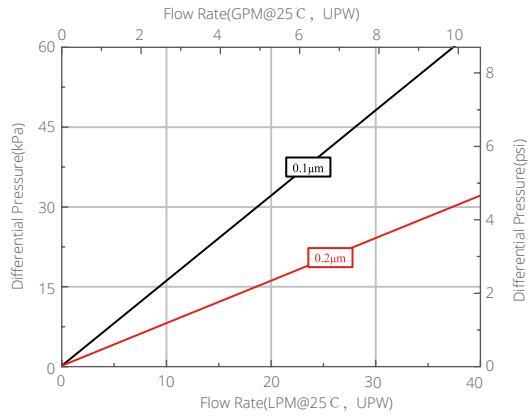


Photo-Novel SY 10" Cartridge Filter



ORDERING INFORMATION

