Purasol™ LS2 Solvent Purifier

Maximizes metal removal efficiencies over a broad range of photochemical solvents

Building upon the success of our Purasol™ SP/SN solvent purifiers, our Purasol LS2 solvent purifier maximizes metal removal efficiencies over a broad range of photochemical solvents and polymer solutions to enable customers to control contamination and achieve maximum cleanliness. Using a uniquely tailored PTFE membrane, the cleaner substrate enables shorter filter con-ditioning time, and the versatile purifier can efficiently remove metal contaminants from a variety of raw materials used in photochemical manufacturing.

Available in multiple formats and sizes to meet your application needs

APPLICATIONS

- Photolithography solvents

- Raw materials and intermediates (resin, polymer solutions, etc.) used in photochemical manufacturing
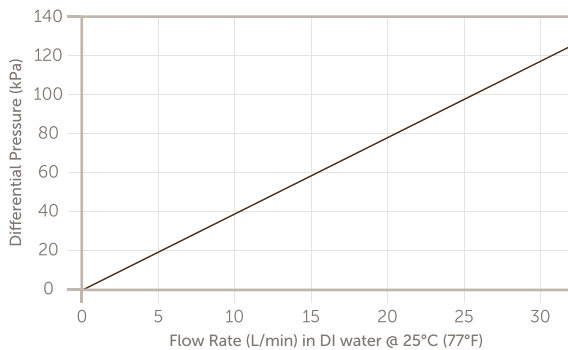
FEATURES & BENEFITS

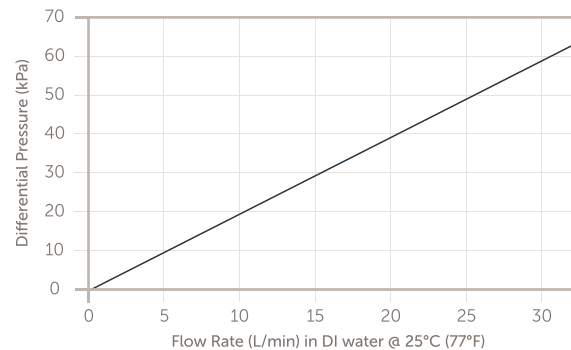|	
Novel functionalization	Greater than 99% metal removal for certain chemicals
Improved cleanliness	Cleaner substrate enables shorter filter conditioning time
Optimized morphology	Longer filter lifetime
Broader application	Effective in most commonly used photochemical solvents

Entegris

SPECIFICATIONS

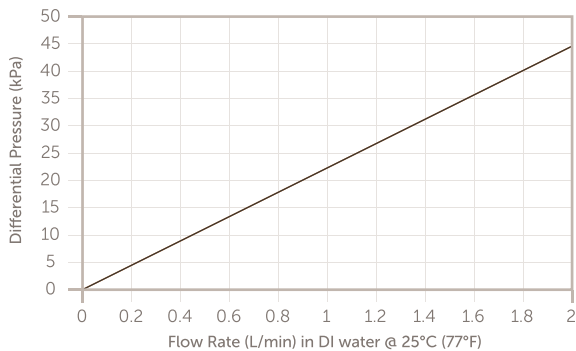| Materials	Membrane	Polytetrafluoroethylene (PTFE)
	Supports, core sleeve, shell	High-density polyethylene (HDPE)
	O-ring (cartridges)	E-FKM
Surface area (X-section)	Cartridges	10" 1.1 m^2 (11.8 ft^2)
		20" 2.2 m^2 (23.7 ft^2)
	Disposable	0.18 m^2 (1.9 ft^2)
Fitting type	Disposable	1/4" compression fitting
Operating conditions	Maximum forward differential pressure	0.24 MPa (2.4 bar, 35 psi) @ 25°C (77°F)
	Maximum reverse differential pressure	0.24 MPa (2.4 bar, 35 psi) @ 25°C (77°F)
	Maximum operating temperature	60°C (140°F)
Flow conditions	Initial flow rate @19.6 kPa (10" and 20") @58.8 kPa (Disposable)	10'': 2.5 (L/min) $\leq$ PLTG01 $\leq$7 (L/min)
		20": 5.2 (L/min) $\leq$ PLTG02 $\leq$15 (L/min)
		Disposable: 1.7 (L/min) $\leq$ PLTG0S $\leq$3.6 (L/min)

PERFORMANCE DATA

Typical Purasol LS2 10" Cartridge Solvent Purifier Flow Performance

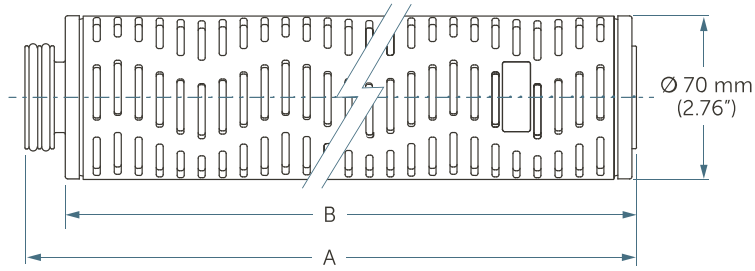Typical Purasol LS2 20" Cartridge Solvent Purifier Flow Performance

Typical Purasol LS2 Disposable Solvent Purifier Flow Performance
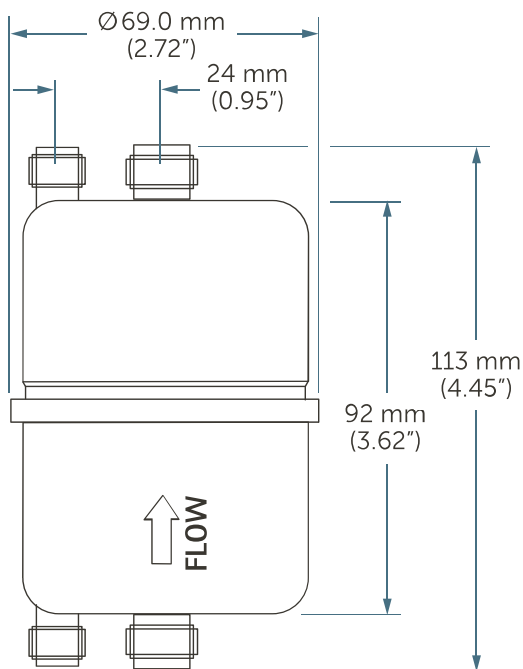
DIMENSIONS

Purasol Cartridge Purifiers – Code 0 (70 mm width)

Without Chemlock® Key

Length	A	B
10"	262.3 mm (10.33")	245.0 mm (9.65")
20"	506.5 mm (19.94")	489.2 mm (19.26")

Purasol Disposable Purifier

ORDERING INFORMATION

PART NUMBER	FORM FACTOR	LENGTH
PLTG01P2T01	Cartridge	10"
PLTG02P2T01	Cartridge	20"

ORDERING INFORMATION

PART NUMBER	FORM FACTOR	LENGTH
PLTG0S1S121	Disposable	4.5"

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you.
Visit entegris.com and select the Contact Us link to find the customer service center nearest you.

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