

Purasol™ SP/SN Solvent Purifier

*Provides total metal removal for
ultraclean chemical manufacturers*

Purasol™ SN/SP solvent purifiers deliver best-in-class solutions for ultraclean chemical manufacturers. Using a uniquely tailored membrane technology, the versatile purifier can efficiently remove both dissolved and colloidal metal contaminants from a wide variety of polar and nonpolar solvents, including ketones such as cyclohexanone.

sample

APPLICATIONS

- Photolithography solvents
- Raw materials (resin, polymer solutions, etc.) used in photochemical manufacturing

FEATURES & BENEFITS

| | |
|---|---|
| UPE purification media | Is compatible with most organic photochemical solvents including ketones and cyclohexanone |
| | Offers broad compatibility with raw materials such as polymer solutions used in photochemical manufacturing |
| | Provides superior cleanliness compared to other purifier technologies |
| Two distinct purification media types available | Ensures total metal removal in both polar and nonpolar solvents |

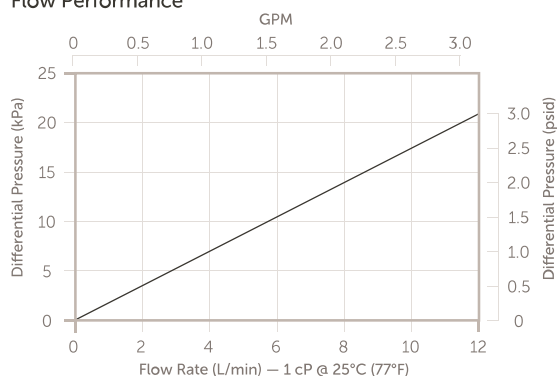


SPECIFICATIONS

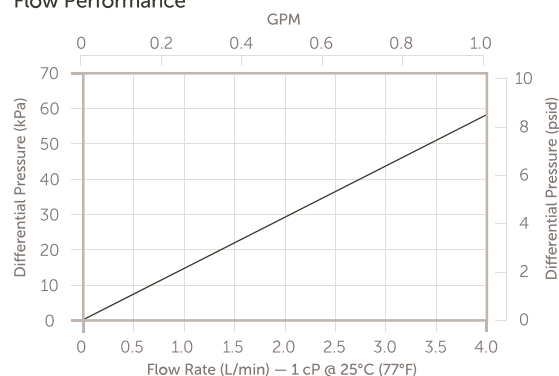
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|-------------------------------------|---|---|
| Materials | Purification media | Modified ultra high molecular weight polyethylene (UPE) |
| | Shell, core, supports | High-density polyethylene (HDPE) |
| | Device connection type | E-FKM O-ring (cartridge) |
| | | 1/4" compression seal |
| Removal rating | 0.2 µm nominal | |
| Membrane surface area | Disposable | 0.17 m ² |
| | Cartridges | 10" 1.1 m ² (11.8 ft ²) |
| | | 20" 2.2 m ² (23.7 ft ²) |
| Maximum operating conditions | Maximum inlet pressure | 0.34 MPa (3.4 bar, 50 psi) @ 25°C (77°F) |
| | Maximum forward/reverse differential pressure | 0.24 MPa (2.4 bar, 35 psi) @ 25°C (77°F) |
| | Maximum operating temperature | 60°C (140°F) |

PERFORMANCE DATA

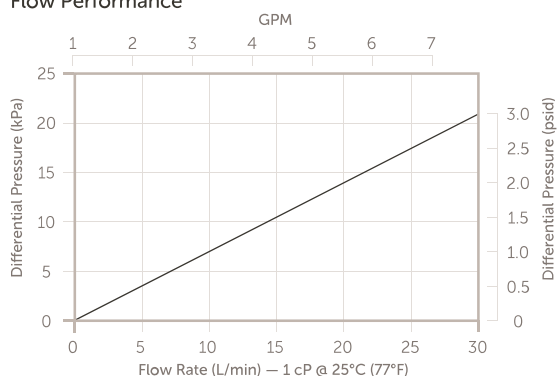
Typical Purasol SN/SP 10" Cartridge Solvent Purifier Flow Performance



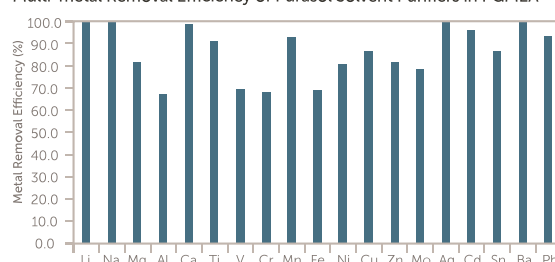
Typical Purasol SN/SP Disposable Solvent Purifier Flow Performance



Typical Purasol SN/SP 20" Cartridge Solvent Purifier Flow Performance

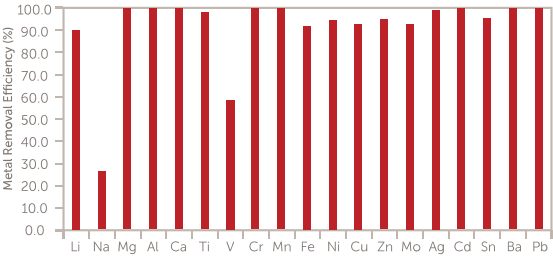


Multi-metal Removal Efficiency of Purasol Solvent Purifiers in PGMEA



PERFORMANCE DATA

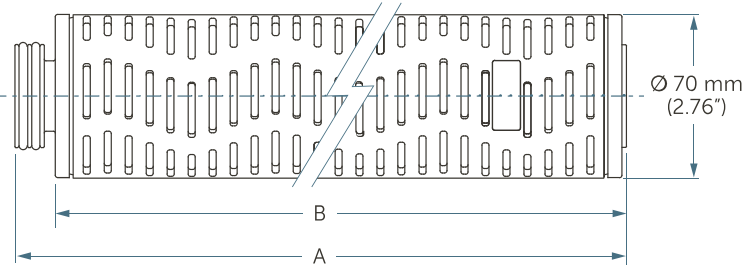
Multi-metal Removal Efficiency of Purasol Solvent Purifiers
in Cyclohexanone



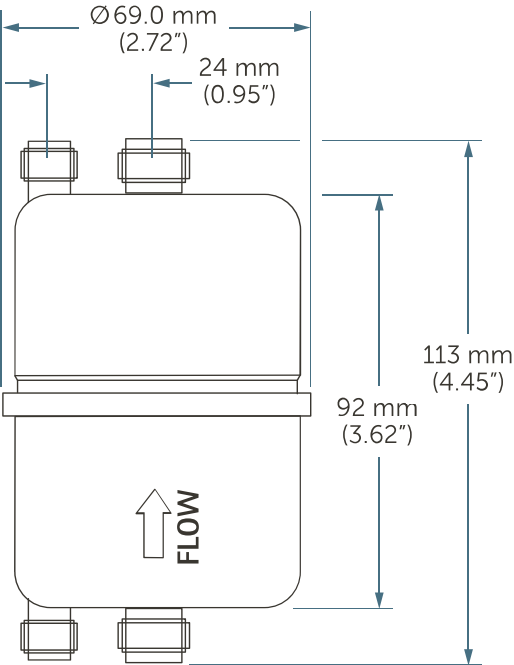
DIMENSIONS

Purasol Cartridge Purifiers – Code 0 (70 mm width)

Without Chemlock® Key



Purasol Disposable Purifier



ORDERING INFORMATION

| PART NUMBER | PRODUCT TYPE | LENGTH |
|-------------|--------------------------------|--------|
| PLNG01PST | SN solvent purifier | 10" |
| PLNG02PST | SN solvent purifier | 20" |
| PLNG0S1S1 | SN disposable solvent purifier | N/A |
| PLPG02PST | SP solvent purifier | 20" |
| PLPG0S1S1 | SP disposable solvent purifier | N/A |

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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