

Eximor[®] SV1 Filter Flushing Shell

Transitional photochemical dispense system flow through device

Eximor[®] SV1 filters provide the ultimate particle retention with rapid flush-up in sub-30 nm technology wafer processing. The Eximor SV1 filter flushing shell is a transitional photochemical dispense system flow-through device for use with our Eximor point-of-use solvent filters. The unique Impact[®] 8G core-fill design reduces overall filter priming time, reducing filter start-up costs. The specially designed polyethylene (PE)-based membrane technology reduces on-wafer defects in sub-30 nm technology wafer processing and ensures tight retention and low pressure drop performance.

APPLICATIONS

- Point-of-tool photolithography applications
- RRC solvents

FEATURES & BENEFITS

Cleaner, more efficient flow path	Provides a cleaner, more efficient transitional flow-through solution for POU photochemical filtration and dispense
	Minimizes hold-up volume enabling quick flush up and reduced chemical usage
Reduced hold-up volume	Allows higher rated burst pressure improving mechanical device integrity
	Extends cycle lifetime, enabling greater durability
Clean, HDPE resin	Enhances organic, metal, and particle shedding performance and minimizes contamination sources



For use with Eximor point-of-use solvent filters.

SPECIFICATIONS

Hold-up volume	1 mL
Resin	Clean
Internal surface area	1.4 cm ² (0.22 in ²)
Operating conditions	Maximum inlet pressure: 0.34 MPa (3.4 bar, 50 psi) @ 25°C (77°F) Maximum temperature: 40°C (104°F)

Note: The flushing shell is designed for short-term use (less than 1 month) in flushing chemical lines and systems.

- Replace flushing shell with appropriate filter once line flushing is completed.
- Discard used flushing shells. Do not reuse.
- Do not use flushing shells in lieu of a filtration device or subject to long-term exposure to solvents in a pressurized environment.
- The warranty will be voided if the product is used in lieu of a filtration device or is subjected to long-term exposure to solvents in a pressurized environment.
- If expecting extended idle time in dispense line, we strongly urge customers to perform one of the following to avoid compromising flushing shell integrity:
 - Depressurize line while flushing shell is installed.
 - Dry the line and discontinue using the flushing shell.

ORDERING INFORMATION

PART NUMBER	PRODUCT TYPE
EX00000K2	Eximor SV1 filter flushing shell

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

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