

# Eximor<sup>®</sup> SV1 Filter Flushing Shell

*Transitional photochemical dispense  
system flow through device*



Eximor<sup>®</sup> 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 photo-chemical dispense system flow-through device for use with our Eximor point-of-use solvent filters. The unique Impact<sup>®</sup> 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.

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

## APPLICATIONS

- Point-of-tool photolithography applications
- RRC solvents

## FEATURES & BENEFITS

<b>Cleaner, more efficient flow path</b>	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
<b>Reduced hold-up volume</b>	Allows higher rated burst pressure improving mechanical device integrity
	Extends cycle lifetime, enabling greater durability
<b>Clean, HDPE resin</b>	Enhances organic, metal, and particle shedding performance and minimizes contamination sources

## SPECIFICATIONS

Hold-up volume	1 mL
Resin	Clean
Internal surface area	1.4 cm <sup>2</sup> (0.22 in <sup>2</sup> )
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.

### TERMS AND CONDITIONS OF SALE

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit [entegris.com](https://www.entegris.com) and select the [Terms & Conditions](#) link in the footer.



Corporate Headquarters  
129 Concord  
Billerica, MA 01821  
USA

Customer Service  
Tel +1 952 556 4181  
Fax +1 952 556 8022  
Toll Free 800 394 4083

Entegris®, the Entegris Rings Design®, and other product names are trademarks of Entegris, Inc. as listed on [entegris.com/trademarks](https://www.entegris.com/trademarks). All third-party product names, logos, and company names are trademarks or registered trademarks of their respective owners. Use of them does not imply any affiliation, sponsorship, or endorsement by the trademark owner.