

Mykrolis CWAH40KM1

Optimizer HV 40 Cartridge Filter, 0.5 Micrometers



Limited Availability
New From Surplus Stock

Open Web Page

<https://www.artisanng.com/90446-1>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source
for quality pre-owned
equipment.

Artisan Technology Group

(217) 352-9330 | sales@artisanng.com | artisanng.com

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

**OPTIMIZER® HV 40 CARTRIDGE FILTER**

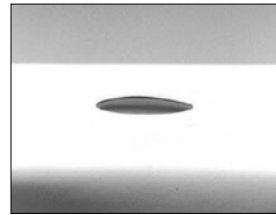
For point-of-use filtration of high viscosity fluids such as polyimides



reliable solution for point-of-use polyimide filtration

Overview

The Optimizer® HV 40 cartridge filter has been specially designed for use with photolithography and polyimide process fluids at ambient temperatures. Constructed from ultra-high molecular weight polyethylene (UPE) membrane, the Optimizer HV 40 cartridge filter delivers outstanding particle retention and high flow rates in the most demanding high viscosity chemical applications.

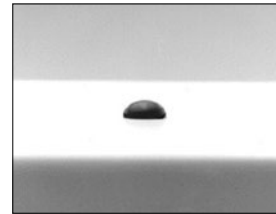


*UPE membrane:
photochemical wets
within 10 seconds*

Cost Effective, Reliable Filtration

The unique UPE membrane provides:

- Excellent retention performance
- High flow rates
- Low metals and organic extractables
- Reduced cost of ownership through superior performance, less downtime and ease of use



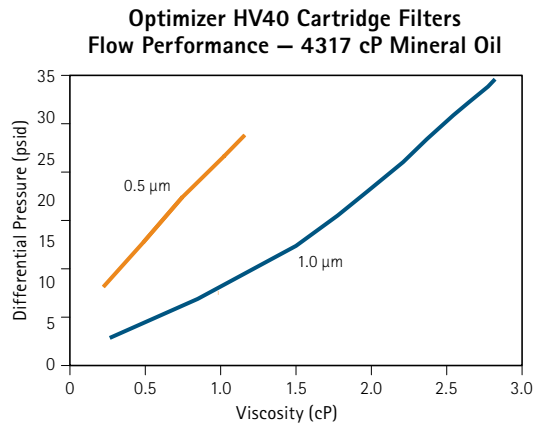
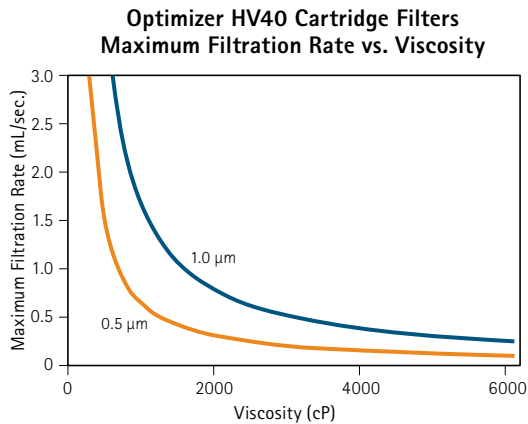
*PTFE membrane:
the PTFE membrane resists
instantaneous wetting*

Features	Benefits
Unique filter design	Optimized for high flow rates of high viscosity polyimide and related photolithography solutions
UPE membrane	Eliminates prewetting and flushing
	Saves time, increases equipment uptime
	Provides better, more consistent filtration
Cartridge size optimized for Entegris high-viscosity dispense systems	Readily installs in all Wafergard® Photo 250™ and Encompass® high-viscosity dispense systems and 40-stack housings
Ultra-high purity o-ring material	Uses Kalrez® 6375UP high-purity perfluoroelastomer material to protect your process

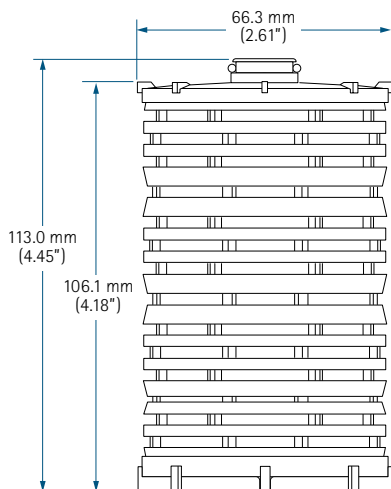
Specifications

Materials:	Membrane	Ultra-high molecular weight polyethylene
	Core, cage, endcap	Polyethylene
	O-ring	Kalrez 6375UP perfluoroelastomer size 2-015
Connections:	Fits any 40-stack housing with 2-015 o-ring connection	
Membrane area:	3400 cm ² (3.66 ft ²)	
Dimensions:	Diameter	66.7 mm (2.63") nominal
	Length	113 mm (4.45") nominal
Maximum operating conditions:	Maximum forward differential pressure	0.34 MPa (3.4 bar, 50 psi) @ 25°C (77°F)
	Maximum reverse differential pressure	0.27 MPa (2.7 bar, 39 psi) @ 25°C (77°F)
	Maximum operating temperature	60°C (140°F)

Performance Data



Dimensions



Ordering Information

Part Number	Description
CWAA 40K M1	Optimizer HV 40 Cartridge Filter, 1.0 µm
CWAH 40K M1	Optimizer HV 40 Cartridge Filter, 0.5 µm

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the Customer Service link for the 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 www.entegris.com and select the Legal Notices link from the footer.

Entegris®, the Entegris Rings Design®, Wafergard®, Photo 250™, Encompass® and Optimizer® are trademarks of Entegris, Inc. Kalrez® is a registered trademark of DuPont Dow Elastomers, L.L.C.

ENTEGRIS, INC.

Corporate Headquarters | 129 Concord Road | Billerica, MA 01821 USA
Customer Service Tel. +1 952 556 4181 | Customer Service Fax +1 952 556 8022
In North America 800 394 4083 | www.entegris.com



creating a material advantage

©2001–2012 Entegris, Inc. All rights reserved Printed in USA 4414-5355ENT-1012

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisanTG.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at [artisanng.com](https://www.artisanng.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisanng.com | [artisanng.com](https://www.artisanng.com)

