Next-Generation Hydraulic Filter Media

Get the hydraulic filter performance you need — with the pressure drop you dream of. H&V's family of next-generation hydraulic filter media can reduce fluid flow restriction by up to 50% — for example, achieving 10-micron efficiency and capacity with the restriction of typical 20-micron media. The material cuts overall system energy requirements while improving your bottom line with increased reliability, less maintenance, and longer component life.

Established in 1843, Hollingsworth & Vose Company is a global leader in the supply of technically advanced nonwoven and specialty papers used in electronics, battery, filtration, and industrial applications. H&V drives value in customers' products by inventing next-generation materials with superior performance. The company operates manufacturing sites and research centers in the Americas, Europe, and Asia.

Next-generation permeability

Forget about maintaining merely adequate permeability while adding a few grams of filter capacity. H&V's next-generation hydraulic media product family permanently redefines the capacity/permeability relationship at each micron rating.

It retains your existing caliper requirements, running on your filter production lines without alteration. And in use, its lower differential pressure means that the hydraulic system need not divert valuable energy to push fluid through a highly resistant filter.

Unbeatable product benefits

Keep the lifetime that customers expect and surprise them with the lower differential pressure that sells filters. Given its revolutionary high flow and low restriction in hydraulic filtration applications, our new media provides operators with the following benefits:

- True 5-, 10-, and 20-micron ratings
- Dual-phase, high-capacity performance
- Lower system energy requirements
- Increased pump and servo valve reliability
- Increased uptime
- Lower system maintenance

H&V advantages

Unquestioned quality. H&V media are made to the industry's highest standards of uniformity, consistency, long-term stability, and overall reliability.

Global presence. H&V makes an ideal partner for multinational customers. It maintains manufacturing and research centers on several continents — plus sales and service available almost everywhere filter manufacturers are located. H&V's local production and service ensure consistent media formulations worldwide.

Hollingsworth & Vose

Proven performance for industry and more

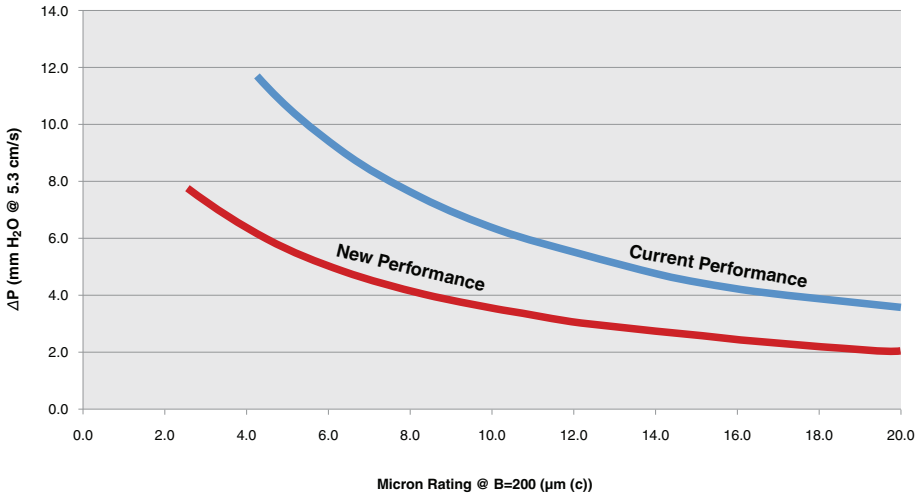
H&V's next-generation hydraulic filter media provides record-setting low resistance while maintaining the same performance specifications that have made H&V the global leader in microglass fiber hydraulic filter media.

It's ideal for use in the following applications:

- Construction
- Agriculture
- Industrial equipment for fixed indoor manufacturing
  - Machine tools and hydraulic/mechanical presses
  - Plastic injection molding
  - Entertainment simulators
- Material handling equipment
- Automotive
- Steel
- Marine and offshore
- Power stations and wind turbines

Continuing innovation and improvement

For decades, H&V has led the industry toward ever-higher hydraulic filtration media performance. Its "firsts" include single-phase glass; dual-phase glass; high-efficiency, low pressure drop (HELP); spray lamination; and multilayer composite products. Now, its new next-generation hydraulic media is the first to deliver 10-micron efficiency with the resistance of a 20-micron media product. H&V continues to lead the way in the critical improvements filter producers and end users demand.



Hollingsworth & Vose

www.hollingsworth-vose.com

Hollingsworth & Vose Company
112 Washington Street
East Walpole, MA 02032 U.S.A.
Tel 508-850-2000
info@hovo.com

Hollingsworth & Vose Europe
Friedberger Strasse 191
D-61118 Bad Vilbel, Germany
Tel +49 (0) 6101 98167-00
Fax +49 (0) 6101 98167-20

Hollingsworth & Vose Company, Ltd.
39 Song Bei Road
Suzhou Industrial Park
Jiangsu, China 215126
Tel (+86) 512-6767 8600
Fax (+86) 512-6767 8652

The H&V logo is a registered trademark of Hollingsworth & Vose Company. All other marks may be trademarks of their respective companies.

© 2010 Hollingsworth & Vose. All rights reserved.

10/10 1021051