

# Did you know...

mott corporation

Follow Us 

## > Mott specializes in porous media for medical applications



To control the flow and purity of liquids and gases, there's no better choice than Mott porous metal. High-strength, chemically inert, infinitely flexible in size, shape, and porosity, Mott media has been proven for decades in a wide variety of medical applications including drug delivery devices, cochlear implants, O<sub>2</sub> flow control, injection pumps, biomarkers, and surgical instruments.

### > Featured solution

#### All-Metal Membrane Sterilizing Grade Filtration 0.22 µm

Meets ASTM F838-05 Specifications for Bacteria Retention

The membrane is produced using nano-materials and a proprietary manufacturing process developed by Mott engineers. It meets or exceeds a 0.2 µm filtration challenge and meets ASTM F838-05 for bacterial retention. This material is ideally suited for applications in medical, life sciences, and biotechnology. It can be used in implantable devices as well as for filtration of liquids or gases in which cleanliness and removal of bacteria is critical.

The filter is intended for circumstances requiring ultra-fine, sub-micron filtration. It is made of stainless steel or titanium and is capable of achieving extremely efficient levels of filtration and separation (> 7LRV @ 0.2 micron). Mott's sterilizing grade filters offer a unique solution for industry devices that require a stronger, more durable and longer lasting product. It is biocompatible, impervious to solvents, and compatible with most organic compounds and complex drug chemistries.





#### Applications:


- Drug Delivery Devices
- Medical Pump Filters

### Resource Links


#### Product Literature


 [Sterilizing Grade Media Bacteria Filtration](#)  
(PDF 468 KB)

 [Porous Metal Overview](#)  
(PDF 903 KB)

 [Flow Restrictors](#)  
(PDF 492 KB)

#### News Briefs

 [Medical Devices - Porous Metal Products](#)

 [Flow Restrictors - Safety, Emergency, Medical Applications](#)

### More Information

Visit our [Sterilizing Grade Filter Membrane page](#) to read about our filtration capabilities.

Contact our Sales Department to request information on our porous metal products.

Phone: 1-860-747-6333  
Toll-Free: 1-800-BUY-MOTT  
E-mail: [quest@mottcorp.com](mailto:quest@mottcorp.com)

Or visit us on the web at:  
[www.mottcorp.com](http://www.mottcorp.com)

Mott Corporation  
84 Spring Lane  
Farmington, CT 06032

### Watch our Video



- Fluid Management Systems
- Respiratory & Ventilation Equipment

Mott's porous metal can be autoclaved, sterilized or completely recycled; an important attribute for maintaining cleanliness standards as well as conservation of resources, energy and space.

Mott has a specialized team of experts who work specifically with medical device designers, engineers and manufacturers on projects that pave the way to tomorrow's technologies. The potential uses are countless and diverse.



[Click here](#) to download/view in printer-friendly (pdf) format.

Mott Corporation • 84 Spring Lane • Farmington, CT 06032  
Phone: 860-747-6333 • Fax: 860-747-6739 • U.S. Toll-Free: 800-289-6688 (800-BUY-MOTT)  
E-mail: [quest@mottcorp.com](mailto:quest@mottcorp.com)

---

This message has been sent to you to provide information that may be helpful to your business, and to provide an opportunity to give us your requests and general feedback. If you do not wish to receive future communications from Mott Corporation, please [click here](#) to unsubscribe.