Where Mott helps the processes

Mott all-metal filters and porous metal products can be found in scores of medical applications. Specifically, those that require:

- efficiency
- exact flow specifications
- biocompatibility
- high-temperature resistance
- resistance to aggressive chemicals

Specialty applications to every-day lifesavers

Partnering with medical companies, Mott engineers have helped develop products that meet the exacting filtration and flow-control requirements of many medical devices, including:

- biocompatible porous titanium filters
- implantable devices (Ti drug diffusion)
- metal filters for test stands
- spargers used in cell-culture processes
- filters that prevent plugging in catheters
- precision flow restrictors for the delivery of gases in life-critical systems

Why porous metal?
Mott porous metal delivers a host of performance attributes that is difficult to match in a single, cost-effective, consistently performing product. What makes Mott media so special?

- metallic integrity that prevents shedding of foreign material into solutions
- labyrinths of irregular paths within the media performing unparalleled depth filtration for foreign particulate capture
- uniform, controlled porosity, allowing precise flow rates at specified pressures
- choice of alloys to ensure media compatibility with other materials, extreme temperatures and corrosive environments

Why Mott?
Mott Corporation has been providing unique solutions in the development and application of porous metal media since 1959. Our lightweight, durable materials improve thousands of applications that require consistent performance (uniform porosity) for gas or liquid flows, cleanability for repeatable use, sound absorption, wicking ability, high-temperature tolerance, and high-corrosion resistance. Our commitment to partner with customers from invention to delivery, ensures the ideal solution for every application.

From shapes or pieces of porous material to completed filters with hardware, Mott is the expert in porous metal technology. Our people and products have improved processes in a wide variety of industries including chemical, petrochemical, instrumentation, food and beverage, semiconductor, energy, aerospace and environmental.

How to find out more
For more information about Mott, porous metal’s medical capabilities and other process improvement possibilities, call 1-860-747-6333, e-mail: Quest@mottcorp.com or visit our website at www.mottcorp.com. Mott Corporation is located at 84 Spring Lane, Farmington, Connecticut.