More precise filtration in the same footprint
Mott's 316L stainless steel Gasket Filters add a new level of capability to their High Purity GasShield® product line. Retaining the same footprint as Mott's nickel media Gasket Filters, the 316L stainless steel material offers a host of advantages:

- Perfectly suited for filtration of gases such as carbon monoxide, ozone, and arsine.
- Require no retrofit redesign as they retain the same footprint specifications as Mott's nickel media Gasket Filters.
- Provide precise filtration for flows as low as 1 slpm and up to 20 slpm in both inert and specialty gases.
- Protects particle-sensitive gas control components like regulators and mass flow controllers without adding length to the gas panel or gas stick.

Small and mighty
Small but rugged, Mott's GasShield Gasket Filters are built to withstand extreme operating conditions and deliver optimum filtration performance.

- The GasShield® Gasket Filter fits inside 1/4 " face seal fittings, with either 1" or 3" long porous elements
- Available in Mott's patented NanoMetal® Nickel Media as well as 316L stainless steel media they provide true 0.003µm filtration (greater than 99.9999999% (9 log) particle removal measured at the most penetrating particle size of 0.08µm)
- Gasket Filters come complete with integral face seal gasket
- They perform perfectly in applications with temperatures up to 450°C (for inert gas) and a maximum differential pressure of 1000 psid (at 20°C)
Part of the performance family

Mott's High Purity Division manufactures all-metal gas filters and systems in configurations ranging from 1 slpm to 200,000 slpm. Materials of construction include nickel, 316LSS and Hastelloy® which provide highly efficient filtration for processes used in the production of integrated circuits. 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, and environmental.

To find out more

To learn more about Mott's new GasShield Gasket Filters or our complete line of porous metal innovations, contact Patty Dillon, Corporate Marketing Manager, 84 Spring Lane, Farmington, CT 06032, Phone: 860-747-6333 / Toll Free 1-800-BUY-MOTT / E-Mail: QUEST@Mottcorp.com or visit our website at www.mottcorp.com.
Our 2-Page Product Sheet:

GasShield® Nickel and Stainless Steel Gasket Filters

- Extreme corrosion resistance
- High purity, no contamination
- Low maintenance, easy to install

Nickel Specifications

Stainless Steel Specifications

Mott Corporation