

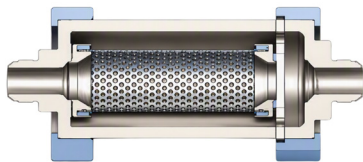
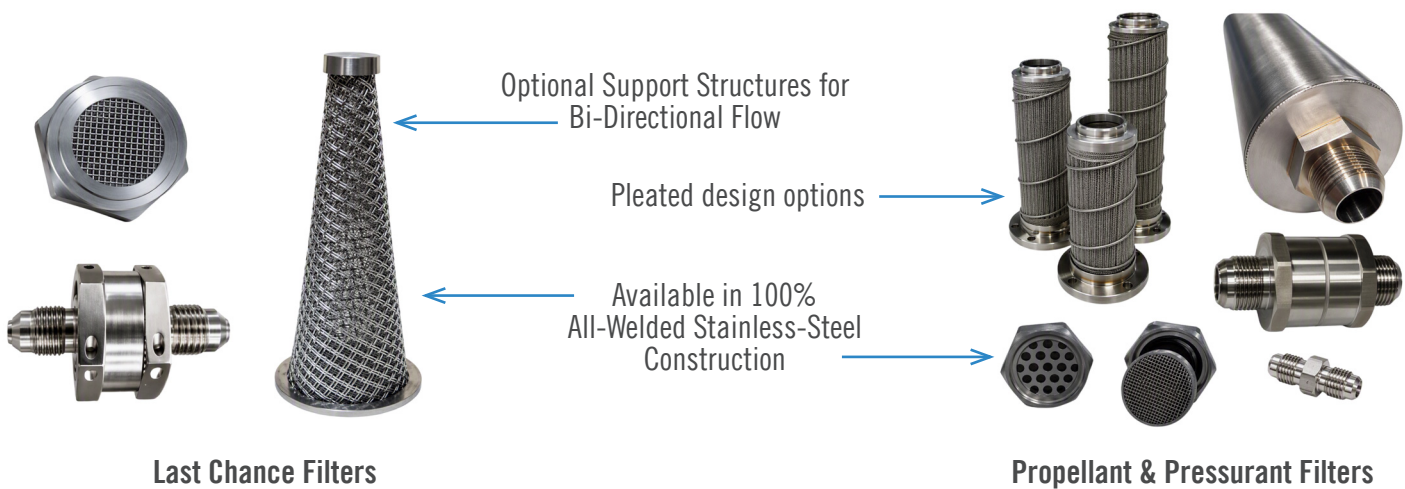
FILTRATION FOR LAUNCH VEHICLES



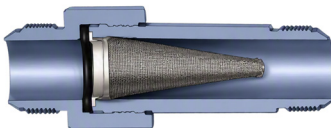
Rugged Mesh Filtration for Launch Vehicles

Engineered for high-volume production, rapid turnaround, and reusability.

Mott's mesh filters are a frontline defense for launch-vehicle propulsion systems, delivering rugged, high-flow protection under the most extreme cryogenic and dynamic loads. Their structural simplicity and cryogenic durability make them ideal for kerox, methalox, and hydrolox systems.



Cylindrical Tube Design



Witch's Hat Design

- » Suitable for LOX, LCH₄, LH₂, RP-1, N₂H₄, MMH, MON, N₂O₄, ASCENT, LMP-103S, and other common propellants
- » Built in Mott's AS9100-certified U.S. facilities
- » Off-the-shelf flight qualified designs available
- » Customizable configurations
- » Qualification Testing Support

Specification	
Line Size	-2 to -32*
Materials	Stainless Steel, Inconel, Monel, Nickel & More
Micron Ratings	5 - 1,000 μ m Absolute**
Configurations	Cones, Tubes, Discs
MEOP	Up to 10,000 psig
Operating Temperatures	-450°F to 1,500°F
Interface Connection Types	AS1098, AS5202, AS4395 (other standard aerospace fittings), Weldable Tube Stubs, VCR Connections, AN Fittings, Flanged Options, Grayloc Compatible, etc.

* Custom design options up to 10" and larger are possible.

** Coarser filtration options are available.