

> Mott High Purity Vent Filters



All-Metal Vent Filters for Pressurized Air or Gases in Extreme Environments

Biopharmaceutical processes that require air filtration or venting applications in high temperature environments provide a serious challenge for traditional PTFE, PVDF and polypropylene filter products. Mott all-metal 316L SS or Nickel alloy filter cartridges provide superior safety and long service life in biotech environments with elevated temperatures and oxidation stress.

Mott's all-metal filter cartridges provide a robust solution to these extreme environments. With differential pressure capabilities above 250 psid and operating temperature up to 450°C (842°F), Mott all-metal vent filters provide superior performance, longer life and more effective filtration than competing plastic membrane technologies.

Other Metal Filter Membranes Available

Mott metal filter cartridges are available in all 316L SS, Hastelloy® C-22, Monel® and Nickel 200. Mott High Purity all-metal filter cartridges are designed, developed and manufactured in accordance with ISO-9001 quality systems standards.

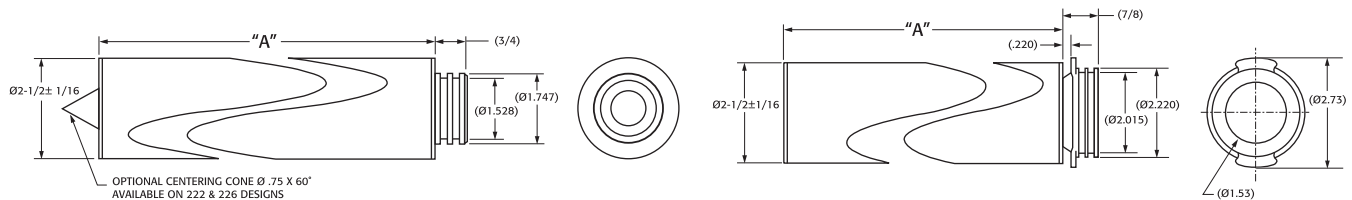
Each part is marked with part numbers and lot identification for traceability and easy identification.

Filter Cartridge Specifications

Nominal Dimensions	10 inch Cartridge	20 inch Cartridge	30 inch Cartridge	40 inch Cartridge
Overall Length	10.75 Inch/273 mm	20.75 Inch/527 mm	30.75 Inch/781 mm	40.75 Inch/1035 mm
Outside Diameter	2.5 Inch/63.5 mm	2.5 Inch/63.5 mm	2.5 Inch/63.5 mm	2.5 Inch/63.5 mm
Filtration Area	0.54 Ft²/0.05 m²	1.09 Ft²/0.10 m²	1.63 Ft²/0.15 m²	2.18 Ft²/0.20 m²
Filter Media	316L SS	316L SS	316L SS	316L SS
End-caps, Adapter	316L SS	316L SS	316L SS	316L SS
Maximum Forward Differential Pressure in Air, Oxygen or Nitrogen	250 psid (17.23 Bar)	250 psid (17.23 Bar)	250 psid (17.23 Bar)	250 psid (17.23 Bar)
Maximum Reverse Differential Pressure in Air, Oxygen or Nitrogen	250 psid (17.23 Bar)	250 psid (17.23 Bar)	250 psid (17.23 Bar)	250 psid (17.23 Bar)
Maximum Operating Temperatures	450°C (842°F) @ 125 PSIG	450°C (842°F) @ 125 PSIG	450°C (842°F) @ 125 PSIG	450°C (842°F) @ 125 PSIG
Cartridge Connections	226 with Locking Double O-Ring	226 with Locking Double O-Ring	226 with Locking Double O-Ring	226 with Locking Double O-Ring
End caps	Flat end cap or centering cone end cap	Flat end cap or centering cone end cap	Flat end cap or centering cone end cap	Flat end cap or centering cone end cap

> high purity products

> mottcorp.com



Bio-Pharm Vent Filter Cartridges Part Number

Code	Product Family																																																		
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Example: 6840 226F- 10- 0.2- A00- A A

Order O-Ring Separately

Code	O-Rings																								
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Example: 2-222- 63

Hastelloy is a registered trademark of Haynes International, Inc.
Monel is a registered trademark of Special Metals Corporation.
Teflon® is a registered trademark of E. I. DuPont Nemours & Co., Inc.

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Mykron

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