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## Mercury Medical Filters and Coronavirus (COVID-19)

Mercury Medical Exhalation & In-Line Filters feature hydrophobic filter medium and are typically used with Mercury Medical self-inflating BVMs and Flow-Safe CPAP Devices along with other appropriate medical devices. These filters have been independently tested.

Bacterial Filter Efficiency (**BFE**): 99.96% effective on particles with an approximate size of 3.1 microns

Viral Filter Efficiency (**VFE**): 99.81% effective on particles with an approximate size of 3.3 microns

Resistance to Flow: 0.0093cm H<sub>2</sub>O at 8.0 LPM Flow

They have not been tested specifically for filtration of the COVID-19 virus. Therefore, Mercury is unable to provide any information regarding the efficacy of filtration for this pathogen. Filters can only reduce the chance of transmission and will not eliminate the risk.

1055375 – Exhalation Filter for use with Mercury Medical BVMs

1055376 – In-Line Filter for use with Mercury Medical Flow-Safe Devices

Exhalation Filter



Prod. No	Unit	Part Name
1055375	20/Box	Exhalation Filter (30mm O.D. X 30mm I.D.)

In-Line Filter



Prod. No	Unit	Part Name
1055376	20/Box	In-Line Filter (22mm I.D. X 22mm O.D. / 15mm I.D.)

The PEEP Valve with Integrated Filter has also been independently tested.

Bacterial Filter Efficiency (BFE)/Viral Filter Efficiency (VFE)

Mean Efficiency: >99.9% effective on particles with an approximate size of 3.2 microns

Resistance to Flow: 1.02cm H<sub>2</sub>O at 8.0 LPM Flow

1055331 – PEEP Valve with Integrated Filter

PEEP Valve with Integral  
Filter (MR Conditional)



Prod. No	Unit	Part Name
1055331	12/Box	Disposable PEEP Valve with Integral Filter, 30mm Female Fitting & Adjustable Range 0-20 cm H <sub>2</sub> O