GE Healthcare

HMEFs and Filters

HMEFs and Filters from GE Healthcare are tested and verified to function with GE Healthcare anesthesia machines. The products perform optimally with GE Healthcare anesthesia machine breathing systems when applicable.

FEATURES

- Variety of filter medias available providing a high degree of efficiency
- All HMEFs and Filters include Luer Port for easy gas sampling with tethered cap to eliminate risk of misplacement
- Lightweight designs reduces drag on breathing system
- Round ergonomic shape with no sharp edges reduces pressure marking
- 22M/15F connectors, complying with ISO 5356, providing universal connection

Our equipment. Our accessories. Simply compatible.

You can trust GE Healthcare accessories and consumables to keep your clinical devices working efficiently.

- Simplified ordering process
- Fast delivery
- One contact point for expert advice
- Quality support at every step

PRODUCT SPECIFICATIONS

		Bacterial and Viral Filter Efficiency	Humidification	Resistance (@30L/min)	Dead Space	Min Tidal Volume	Weight	Sampling Port
HMEF	**2106570-006** HMEF Neonatal bacterial viral HMEF + Luer Port	> 99.9%	27.2mg/L @ 250mL Vt	4.5cm H_2O	15mL	45mL	9g	Yes
	2106570-009 Pediatric bacterial viral HMEF + Luer port	99.99%	30.3mg/L @ 500mL Vt	2.9cm H_2O	25mL	75mL	25g	Yes
	2106570-010 Adult bacterial viral HMEF + Luer port	99.999%	33.6mg/L @ 500mL Vt	1.4cm H_2O	66mL	198mL	41g	Yes
HEPA Filter	**2106570-008** Adult HEPA pleated paper hydrophobic bacterial viral filter + Luer port	99.99999%	N/A	1.4cm H_2O	47mL	141mL	43g	Yes
Bacterial Filter	**2106570-007** Adult bacterial viral filter + Luer port	99.999%	N/A	1.2cm H_2O	66mL	198mL	32g	Yes

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HMEF OFFERINGS

HMEFs consist of a Heat & Moisture Exchange medium together with an electrostatic filter medium (HMEFs). HMEFs are used to protect patients from cross infection and to warm and humidify inspired gases. Filter media uses an electrostatic medium constructed of permanently charged bipolar rectangular split fibers to capture airborne particles. An HMEF is typically positioned at the patient end of the breathing system between the circuit Y-piece and the patient's airway.

PART LIST

Part Number	Description	Quantity
2106570-006	HMEF, neonatal, disposable	50
2106570-009	HMEF, pediatric, disposable	50
2106570-010	HMEF, adult, disposable	50

PRODUCT SPECIFICATIONS

Material composition

Component	Material
Filter Housing	Polypropylene (PP)
Luer Port Tethered Cap	Polyvinyl Chloride (PVC)
HME	Paper HME
Internal Filter Pad	Polypropylene (PP) / Synthetic Fibre Blend
Luer Port	Polypropylene (PP), Silicone
Straight Filter Ring	Acrylonitrile Butadiene Styrene (ABS)
Straight Filter HME	Cellulose
Straight Filter	Electrostatic Filter, Polypropylene (PP)
Straight Filter Luer Cap	Polyethylene (PE)
Straight Filter Top	Polypropylene (PP)

Latex content

HME Breathing Filters do not contain natural rubber latex

DEHP content

HME Breathing Filters do not contain phthalate DEHP

Product use

HME Breathing Filters are single use devices

Sterility

HME Breathing Filters are supplied non-sterile

Storage

Store in a cool, dry place out of direct sunlight

Shelf life

Shelf life of 5 years from the date of manufacture. This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Primary	Polybag – Polyethylene (PE)
Secondary	Carton / Box – Cardboard

BACTERIAL/VIRAL FILTER OFFERINGS

Bacterial/Viral filters are intended to help prevent the transmission of bacteria and viruses and prevent cross infection to and from the patient during anesthesia or other types of ventilation. Filter medium is constructed of permanently charged bipolar rectangular split fibers which are able to capture airborne particles at a 99.999% efficiency.

PRODUCT SPECIFICATIONS

Material composition

Component	Material
Filter Housing with Luer Park Port	Polypropylene (PP)
Internal Filter Pad	Polypropylene (PP) / Synthetic Fibre Blend
Luer Port Push Cap	Thermoplastic Vulcanizate (TPV)

Latex content

Bacterial/Viral Filter do not contain natural rubber latex

DEHP content

Bacterial/Viral Filter do not contain phthalate DEHP

Product use

Bacterial/Viral Filter are single use devices

Sterility

Bacterial/Viral Filter are supplied non-sterile

Storage

Store in a cool, dry place out of direct sunlight

Shelf life

Shelf life of 5 years from the date of manufacture.
This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

PART LIST

Part Number	Description	Quantity
2106570-007	Adult bacterial viral filter + luer port	50

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Primary:	Polybag – Polyethylene (PE)
Secondary:	Carton / Box – Cardboard

HYDROPHOBIC BACTERIAL/VIRAL FILTER OFFERINGS

Pleated Hydrophobic Bacterial/Viral Filters are mechanical filters with 99.99999% efficiency providing superior filtration and prevent the transmission of bacteria and viruses to and from a patient during anesthesia or other types of ventilation. The pleated filter media is specifically packed to maximize flow of gases through the filter casing to ensure that the surface area is fully utilized to enhance performance and reduce resistance to flow.

PART LIST

Part Number	Description	Quantity
2106570-008	HEPA filter, disposable	50

PRODUCT SPECIFICATIONS

Material composition

Component	Material
Pleated Paper Filter Top	Acrylonitrile Butadiene Styrene (ABS)
Internal Filter Insert	Hydrophobic Filter Insert
Luer Port Push Cap	Thermoplastic Vulcanizate (TPV)

Latex content

Hydrophobic Bacterial/Viral Filter do not contain natural rubber latex

DEHP content

Hydrophobic Bacterial/Viral Filter do not contain phthalate DEHP

Product use

Hydrophobic Bacterial/Viral Filter are single use devices

Sterility

Hydrophobic Bacterial/Viral Filter are supplied non-sterile

Storage

Store in a cool, dry place out of direct sunlight

Shelf life

Shelf life of 5 years from the date of manufacture. This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Primary:	Polybag – Polyethylene (PE)
Secondary:	Carton / Box – Cardboard

Product may not be available in all countries and regions.
Contact a GE Healthcare Representative for more information.
Please visit www.gehealthcare.com

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