

High Efficiency Particulate Air (HEPA) Filter

- Hydrophobic pleated membrane filters with ISO connector: 22F/15M - 22M/15F
- HEPA grade filtration efficiency (Remove 99.97%+ airborne particles 0.3µm in diameter)
- With gas sampling port
- NaCl filtration efficiency : 99.97%+ per ISO23328-1
- Pressure drop: 1.6cmH₂O @ 30L/min.
- Compressible volume: 65ml
- Weight: 48g



FSC No.	Part No.	Configuration	Box Quantity
504-010	51050947	High Efficiency Particulate Air (HEPA) Filter	100

Heat & Moisture Exchange Filter (HMEF Series/ HME Trach)

HMEF Series

FSC No. 504-011



Item	HMEF 1000 Straight	HMEF 1000 Angled	HMEF Midi Straight	HMEF Midi Angled
Part No.	50497100	50400218	50400216	50400217
Connector	22F/15M-22M/15F	22F/15M-22M/15F	22F/15M-22M/15F	15M-22M/15F
Dead space	33.5ml	35ml	20ml	24ml
Tidal volume range	150~1200ml	150~1200ml	60~500ml	60~500ml
Pressure drop	0.15KPa@30L/min	0.14KPa@30L/min	0.21KPa@30L/min	0.23KPa@30L/min
Moisture output	38mgH ₂ O/L	38mgH ₂ O/L	39mgH ₂ O/L	39mgH ₂ O/L
Bacterial filtration efficiency	>99.9999%	>99.9999%	>99.99%	>99.99%
Viral filtration efficiency	>99.99%	>99.99%	>99.99%	>99.99%
Box Quantity	100	100	100	100

HME Trach

FSC No. 510-019



Item	HME Trach T	HME Trach Basic
Part No.	51050902	51050901
Connector	15F	15F
Dead space	8ml	14ml
Pressure drop	0.04KPa@30L/min	0.03KPa@30L/min
Moisture output	38mgH ₂ O/L	37mgH ₂ O/L
Box Quantity	200	200

Respiratory Filters

Respiratory Filters: Low resistance bacterial / viral respiratory filter

- Connections: 22mm female x 22mm male
- Filter media: High performance electrostatic filter media

FSC No. 510-014



Item	BSF 103	BSF 104
Part no.	51008900	51009000
Compressible volume	65 ml	65 ml
Weight	27 g	27 g
Flow resistance at 30 LPM	0.6 cmH ₂ O	0.8 cmH ₂ O
Flow resistance at 60 LPM	1.0 cmH ₂ O	1.3 cmH ₂ O
Bacterial filtration efficiency	99.998+%	99.99993+%
Viral filtration efficiency	99.995+%	99.996+%
Casing material	K-resin	K-resin
Box quantity	100	100

Respiratory Filters: High performance bacterial / viral respiratory filter

- Connections: 22mm female / 15mm male x 22mm male / 15mm female
- Compressible volume: 30ml
- Weight: 33g
- Filter media: High performance electrostatic filter media
- Casing material: K-resin
- Gas sampling port: Threaded luer connector for sampling of CO₂

FSC No. 504-011



Item	BSF 201	BSF 202	BSF 203	BSF 204
Part no.	50421500	50421700	50452200	50453700
Flow resistance at 30 LPM	1.3 cmH ₂ O	1.3 cmH ₂ O	1.5 cmH ₂ O	1.5 cmH ₂ O
Flow resistance at 60 LPM	2.5 cmH ₂ O	2.5 cmH ₂ O	3.0 cmH ₂ O	3.0 cmH ₂ O
Bacterial filtration efficiency	99.99994+%	99.99994+%	99.99994+%	99.99994+%
Viral filtration efficiency	99.997+%	99.997+%	99.9999+%	99.9999+%
Gas sampling port	Yes	No	Yes	No
Box quantity	100	100	100	100

Respiratory Filters: Pressure feedback line filter

- Air flow resistance: less than 175 ± 5 cmH₂O at 20L/min
- Filter media: 1.2 µm modified acrylic copolymer cast on non-woven nylon support
- Water intrusion of membrane: 6.1 - 9.8 psi
- Casing material: K - resin styrene butdiene copolymers
- Weight: 7g



FSC No.	Part No.	Configuration	Box Quantity
504-014	51000400	Pressure feedback line filter	300