

Product Name	Clear-Guard Midi low volume breathing filter with luer port		
Reference numbers	1644000		
Product Type	Breathing filters		
Manufacturer	Intersurgical		
Materials	PP based filter media	PP	TPE
Packaging	Individually packaged		
Unit Packaging	100		
Box quantity	3200		
Pallet quantity			
Instructions for Use	Instructions for use with product	NO	
	Instructions for use with each box	YES	
CE Class	IIa		
Applicable Standards	BS EN ISO 13485: Medical devices — Quality management systems — Requirements for regulatory purposes		
	ISO 9001: Quality Management Systems - Requirements		
	ISO 15223-1: Medical Devices - Symbols to be Used with Medical Device Labels, Labelling, & Information to be Supplied		
	BS EN ISO 5356-1: Anaesthetic and respiratory equipment. Conical connectors. Cones and sockets		
	BS EN ISO 23328: Parts 1 & 2 Breathing System Filters for anaesthetic and respiratory use.		
	ISO 80369-7: Small-bore connectors for liquids and gases in healthcare applications. Connectors for intravascular or hypodermic applications.		
	BS EN ISO 18190: Anaesthetic and respiratory equipment. General requirements for airways and related equipment.		
Sterile	No		
Shelf life	5 years		
Disposal Methods	As hospital guidelines		
Re-use	Single use only		

Product characteristics

Technical information

Type of filter	Electrostatic
Bacterial efficiency (%)	>99.999
Viral efficiency (%)	>99.9
Salt penetration	2.39%
Salt penetration efficiency	97.61%
Resistance to flow (cmH ₂ O) at 30L/min	0.7
Resistance to flow (cmH ₂ O) at 60L/min	1.8
Compressible volume (ml)	34
Minimum tidal volume (ml)	>100
Weight (g)	19
Connection	22F/15M-22M/15F



**Material
Abbreviations**

ABS	Acrylonitrile Butadiene Styrene
AL	Aluminium
CR	Polychloroprene Rubber
EDPM	Ethylene Propylene Terpolymer Rubber
HDPE	High Density Polyethylene
HIPS	High Impact Polystyrene
LDPE	Low Density Polyethylene
LSR	Liquid Silicone Rubber
MBS	Methacrylate Butadiene Styrene
NRL	Natural Rubber Latex
PA	Polyamide (Nylon)
PC	Polycarbonate
PE	Polyethylene
PP	Polypropylene
PS	Polystyrene
PSU	Polysulfone
PU	Polyurethane
PVC	Poly Vinyl Chloride
SB	Styrene Butadiene
Si	Silicone
SS	Stainless Steel
TPE	Thermoplastic Elastomer
SBC	Styrene Butadiene Copolymer
SEBS	Styrene-Ethylene-Butadiene-Styrene

