



Product Name	Clear-Guard™ Midi low volume breathing filter with mouthpiece		
Reference number	1644137		
Product Type	Breathing filter		
Manufacturer	Intersurgical		
Materials		PP PP based filter media	
Packaging			
Unit Packaging	Individually packaged		
Box quantity	50		
Pallet quantity	1600		
Instructions for Use	Instructions for use with product	No	
	Instructions for use with each box	Yes	
Applicable Standards	BS EN ISO 13485: Medical devices — Quality management systems — Requirements for regulatory purposes		
	BS EN ISO 9001: Quality Management Systems - Requirements		
	BS EN 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		
Sterile	No		
Shelf life	5 years		
Disposal Methods	Following use, the product must be disposed of in line with local healthcare hygiene and waste disposal protocols and regulations		
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 at 30 L/min (cmH ₂ O)	0.8
Resistance to flow at 60 L/min (cmH ₂ O)	1.5
Compressible volume (ml)	40
Weight (g)	18
Connection	22F - Integrated mouthpiece



**Material
Abbreviations**

ABS	Acrylonitrile Butadiene Styrene
AL	Aluminium
Cu	Copper
EPDM	Ethylene Propylene Terpolymer Rubber
EVA	Ethylene-vinyl acetate
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
PIR	Polyisoprene rubber
POM	Polyoxymethylene
POP	Ethylene based plastomer
PP	Polypropylene
PPTA	Poly (p-phenylene terephthalamide)
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

