

Product Name	Clear-therm micro neonatal HMEF		
Reference numbers	1441000		
Product Type	Heat and moisture exchanging filters		
Manufacturer	Intersurgical		
Materials	PP based filter media	PP	ABS
	Polyurethane foam	HDPE	TPE
Packaging	Individually packaged		
Unit Packaging	20		
Box quantity	5120		
Pallet quantity			
Instructions for Use	Instructions for use with product	YES	
	Instructions for use with each box	YES	
Certification	CE0120	Class 2A	
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 18190: Anaesthetic and respiratory equipment. General requirements for airways and related equipment		
	BS EN ISO 9360-1: Heat and moisture exchangers for humidifying respired gases in humans		
	BS EN ISO 5356-1: Anaesthetic and respiratory equipment. Conical connectors. Cones and sockets		
	ISO 23328: Breathing system filters for anaesthetic & respiratory Use		
	ISO 594-1: Conical Fittings with a 6% (luer) Taper for Syringes, Needles and Certain other Medical 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 (%)	>99.99
Moisture loss (mg/l)	12.3
Resistance at 7L/min (cmH2O)	0.5
Resistance at 11L/min (cmH2O)	1
Resistance at 15L/min (cmH2O)	1.4
Compressible volume (ml)	11
Minimum tidal volume (ml)	>35
Weight (g)	11
Connection	15M-22M/15F



**Material
Abbreviations**

ABS	Acrylonitrile Butadiene Styrene
AL	Aluminium
HDPE	High Density Polyethylene
LDPE	Low Density Polyethylene
PC	Polycarbonate
PE	Polyethylene
PP	Polypropylene
PVC	Poly Vinyl Chloride
SB	Styrene Butadiene
Si	Silicone
SS	Stainless Steel
TPE	Thermoplastic Elastomer

