

Product P/N	4333/771	Mod. 984A
Description	Eco MAXI Straight Coil Paper HME	Rev. 06

#### 4333/771

### Eco MAXI Straight Coil Paper HME



PRODUCT DESCRIPTION	Inlet/Outlet Connectors: 22mm Male/15mm Female & 22mm Female/15mm Male ISO Connectors and Ø4.3mm ISO Luer Port.  Bidirectional Filter.		
	Approx. dimensions: Ø68.5mm x 77mm height.		
	Weight: 33gm (approx.).		
MANUFACTURER			
NAME	NFC House Vickers Industrial Estate		
	Mellishaw Lane, Morecambe		
	Lancashire LA3 3EN - United Kingdom		
	Information		
	Tel. +44 (0) 1524 847600		
INTENDED USE /	e-mail: gvsuk@gvs.com  For use within Anaesthesia, Respiratory and Critical Care clinical areas. Indicated for use with		
APPLICATION	patients whose upper airways are being bypassed by an artificial tracheal airway or receiving		
	artificial ventilator support.		
	The luer port connector is used for monitoring respiratory and/or anaesthesia gases.		
CLASS OF THE	Disposable medical device - Class IIa		
PRODUCT	Rule 2 Annex IX 93/42 / EEC		
	Rule 2 Annex VIII MDR 2017/745		
MATERIALS	Filter media: Corrugated Cellulose HME Paper		
	Frame/Housing Polymer: Transparent Green Tinted Polypropylene (PP) Colour: Transparent Green		
	Mesh: Clear Polypropylene (PP)		
	Regulatory Documentation Required:		
	- Biocompatibility according ISO 10993-1		
	- ROHS		
	- BSE/TSE		
	<ul><li>DEHP plasticizer Free and latex free</li><li>Aging</li></ul>		
	- REACH		



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PRODUCT CHARACTERISTICS	Appearance/Visual As shown on drawing.  Physical/Mechanical Approx. dimensions: Ø68.5mm x 77mm height. Weight: 35gm (approx.). Interfaces (ex: Input / Output connectors): 22mm Male/15mm Female & 22mm Female/15mm Male ISO Connectors and Ø4.3mm ISO Luer Port. Operating temperature Range: N/A Storage temperature Range: 5 °C to 40 °C Bidirectional Filter.  Biological Pyrogenicity: <0.3 Eu/ml Biocompatibility to ISO10993 Category - Surface device Contact - Skin Contact Duration - <24hrs  Functional Air Flow Rate: 30l/min, 60l/min, 90l/min. Pressure Drop: Flow Resistance @ 30L/min in accordance with EN ISO 9360-1: Max. 66Pa Flow Resistance @ 90L/min in accordance with EN ISO 9360-1: Max. 223Pa Flow Resistance @ 90L/min in accordance with EN ISO 9360-1: Max. 264Pa (REP: 1786*) with 10% safety margin added to Max.) Internal Volume: 53ml (approx.) Operating Lifetime: Refer to Instructions for Use. Shelf Lifetime: 5 years from the date of manufacture. Moisture Loss @ 500ml Tidal Volume in accordance with EN ISO 9360-1: Max. 13.6mg/l (REP:1787/19 with + 0.5 safety margin)  Moisture Output @ 500ml Tidal Volume in accordance with EN ISO 9360-1: Min. 27.8mg/l (REP:1787/19 with + 0.5 safety margin)  Gas leakage in accordance with EN9360: Max. 0.0 ml/min (REP:1898/19)  Cleanliness Device assembled within Class 8 Cleanroom.

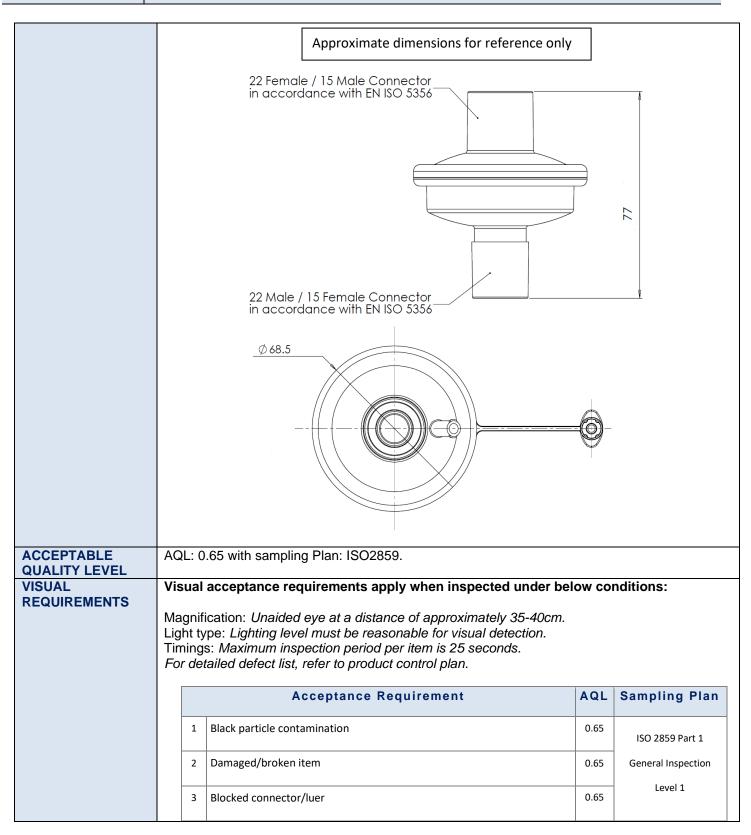


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INCTRUCTIONS /	Multi languaga IEU amilah la	
INSTRUCTIONS / WARNINGS	Multi-language IFU available.	
PRODUCT SHELF	5 years from the date of manufacture.	
LIFE	Expiration date and date of manufacture are detailed on the product labelling.	
STERILIZATION	Sterile version of product available (Ethylene oxide - Max 55°C).	
APPLICABLE STANDARDS AND REGULATIONS	Product Certification required: - CE mark - FDA	
	Applicable Standards and Technical Regulations: Biological evaluation of Medical Devices - Part 1: Evaluation and Testing - ISO 10993-1.	
	Medical devices- Application of risk management to medical devices - BS EN ISO 14971.	
	Medical devices – symbols to be used with medical device labels, labelling and information to be supplied - Part1: General requirements - ISO 15223-1.	
	Anaesthetic and respiratory equipment – conical connectors – part 1: Cones and sockets – ISO 5356-1.	
	Sterilization of health care products – Ethylene oxide sterilization – ISO 11135-1.	
	Sterilization of medical devices – Microbiological Methods – Part 1: Estimation of population of Microorganisms on products – ISO 11737-1.	
PACKAGING AND LABELING	Number of pcs per bag is determined by the sales order. The first barcode label is applied to the outside of the bags. The second barcode label is applied onto the outside of the box. Each bag is labelled with the following traceability information:  ✓ Quantity  ✓ Product description  ✓ Product Date  ✓ Lot Number (OL and 5 digit batch number to trace back to raw materials used)  ✓ Operator Code  Different lots in one box are separately closed and separately labelled. Bulk products will be packed in double PE bags.	
CERTIFICATE OF COMPLIANCE	With each shipment, GVS UK Customer Service will send the CofC to the Customer, based on the lot numbers and date of manufacture.  Conformity declaration is printed on every invoice and Certificate is according to UNI EN 10204 type 2.1.  The Quality management system is in compliance with ISO 13485.	
DRAWING	The attached drawing is part of this product specification and must not be duplicated or made accessible to a third party without written permission from GVS Filter Technology UK Ltd.	



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		4	Weld marks	0.65	
		5	Short fill moulding	0.65	
		6	Rough surface or edges	0.65	
		7	Pronounced injection gate	0.65	
		8	Deformation/distortion	0.65	
		9	Crack	0.65	
		10	Oil/grease	0.65	
		11	Wrong colour	0.65	
		12	Weld fault	0.65	
GENERAL SAFETY AND PERFORMANCE REQUIREMENTS	Special characteristic: Product characteristic which can affect safety or compliance with regulations, fit, function, performance or subsequent processing of product.  Special Characteristic # 01:  Flow Resistance @ 30L/min in accordance with EN ISO 9360-1,				
	FIC	Flow Resistance @ 60L/min in accordance with EN ISO 9360-1,			
	Flow Resistance @ 90L/min in accordance with EN ISO 9360-1.				
	Special Characteristic # 02: Moisture Output @ 500ml Tidal Volume in accordance with EN ISO 9360-1,				
	Mo	Moisture Loss @ 500ml Tidal Volume in accordance with EN ISO 9360-1.			
	Sp	Special Characteristic # 03: Gas Leakage compliant in accordance with EN9360.			
		Special Characteristic # 04: Conical connectors compliant in accordance with EN5356.			

This material specification describes the properties of product above indicated. This document contains general requirements, material description, drawing references, defect specification, biological material requirements.

#### **REVISIONS AND APPROVALS:**

DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (NAME/FUNCTION/SIGNATURE)	APPROVED BY: (NAME/FUNCTION/SIGNATURE)
30/07/2021	3	Functional characteristics updated.	Kinga Gawdzik – Engineering Support Technician	Andrew Pearce – Quality Manager



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CUSTOMER APPROVAL:		
We accept this	material specification as a part of the agreed terms of delivery.	
Company Nam	ne:	
Approved by:		
	NAME/FUNCTION	
	SIGNATURE	
	DATE	
	COMPANY STAMP	

 $Please send \ back \ this \ document \ signed \ for \ approval. \ If \ we \ will \ not \ receive \ this \ specification \ signed, \ we \ consider \ the \ first \ order \ placed \ as \ implicit \ approval.$