

Product P/N	2000/17	Mod. 984A
		Rev. 06
Description	Vent Filter	

### 2000/17

### **Vent Filter**



PRODUCT	Inlet/Outlet Connectors: OD 8mm (approx.) hose barbed and ID 4.4mm (approx.) - both sides.	
DESCRIPTION	Approx. dimensions: 54mm diameter x 53.3mm height.	
DEGORII TION	Weight: 11g (approx.).	
	Bidirectional filter.	
MANUFACTURER	GVS Filter Technology UK	
NAME	NFC House	
	Vickers Industrial Estate	
	Mellishaw Lane, Morecambe	
	Lancashire LA3 3EN - United Kingdom	
	Information	
	Tel. +44 (0) 1524 847600	
	e-mail: gvsuk@gvs.com	
INTENDED USE /	Filters, hydrophobic and non-hydrophobic for use within oxygen concentrators and other	
APPLICATION	medical equipment such as ventilators. Filters are typically inserted into the gas sampling line to	
	prevent a measuring equipment and it's system from becoming contaminated to reduce the risk	
	of patient cross-contamination.	
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: Hydrophobic Glass Microfibre Media	
	Frame/Housing Polymer: Transparent Clear Polypropylene homopolymer (PP) Yellow Polypropylene homopolymer (PP)  Colour: Transparent with Yellow overmould ring  Regulatory Documentation Required: - Biocompatibility according ISO 10993-1	
	- ROHS	
	- BSE/TSE	
	- DEHP plasticizer Free and latex free	



Product P/N	2000/17	Mod. 984A
Description	Vent Filter	Rev. 06
	- Aging - REACH	
	- Conflict minerals	
PRODUCT	Appearance/Visual	
CHARACTERISTICS	As shown on drawing.	
	Physical/Mechanical	
	Approx. dimensions: <b>54mm diameter x 53.3mm height.</b>	
	Weight: 11gm (approx.).	ID 4 4
	Interfaces (ex: Input / Output connectors): <b>OD 8mm (approx.) hose barbed and</b> (approx.) – both sides.	ID 4.4MM
	Operating temperature Range: <i>N/A</i> Storage temperature Range: <i>5 °C to 40 °C</i>	
	Bidirectional Filter.	
	Biological	
	Pyrogenicity: <0.3 Eu/ml	
	Biocompatibility to ISO10993 Category – Surface device	
	Contact – Skin	
	Contact Duration - <24hrs	
	Functional	
	Air Flow Rate: <i>Min. 85 I/min</i> @ <i>5PSI</i> (Ref 2000/05 REP 0612/15 with 20% Factor of Safety a	applied to Min.)
	Filtration Efficiency:	
	Filter Efficiency DEHS @ 0.3 microns @ 15L/min: Min. 99.99% (Ref. 2000/05 REP: 1383/17 with Factor of Safety applied to Min.)	
	Pressure Drop: <b>N/A</b>	
	· ·	
	Internal Volume: N/A	
	Operating Lifetime: <i>Refer to Instructions for Use.</i>	
	Shelf Lifetime: 5 years from the date of manufacture.	
	Bacterial Filtration Efficiency in accordance with ASTM F2101-07: <b>Min. 99.999%</b> (Staphylococcus aureus @ 30l/min) Ref.2000/05 REP: EXT831477.	
	Viral Filtration Efficiency in accordance with ASTM F2101-07: <b>Min. 99.999%</b> (Bacteriophage @ 30l/min) Ref.2000/05 REP: EXT831476.	
	Cleanliness Device assembled within Clean Manufacturing Environment.	
	Testing  Burst test: Min. 64nsi (PED 0616/15 with 20% Easter of Safety)	
	Burst test: <i>Min. 64psi</i> (REP 0616/15 with 20% Factor of Safety) Leakage: <i>Static Head Test 27" for 1 minute</i> (REP 0620/15)	

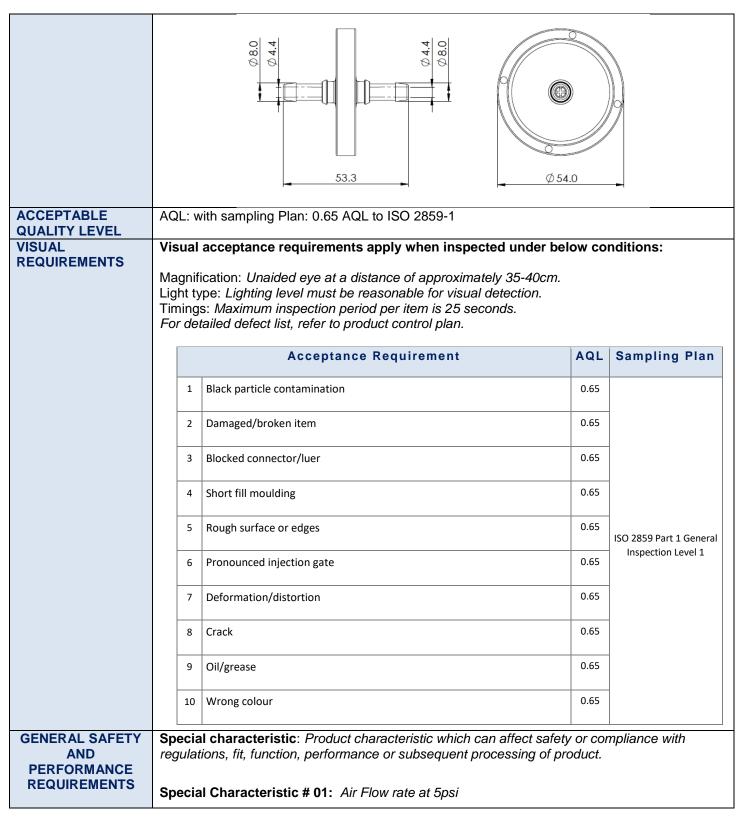


Product P/N	2000/17	Mod. 984A
Description	Vent Filter	Rev. 06

INSTRUCTIONS /	Multi-language IFU available.		
WARNINGS			
PRODUCT SHELF	5 years from the date of manufacture.		
	Expiration date and date of manufacture are detailed on the product labelling.		
STERILIZATION	N/A		
APPLICABLE	Product Certification required:		
STANDARDS AND	- CE mark		
REGULATIONS	- FDA		
REGOLATIONS			
	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.		
	High Efficiency Air Filters – BS EN 1822.		
PACKAGING AND	Number of pcs per bag is determined by the sales order.		
LABELING	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	With each shipment, GVS UK Customer Service will send the CofC to the Customer, based on		
COMPLIANCE	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 9001, 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.		
	Approximate dimensions for reference only		
	Approximate differisions for reference offly		
	I .		



Product P/N	2000/17	Mod. 984A
Description	Vent Filter	Rev. 06





Product P/I	N	2000/17		Mod. 984A
Description	1	Vent Filter		Rev. 06
		Create Characteristic	# 00. Filter Efficiency @ 451 /min vo	ing DELIC @ 0.2 mg
		•	# 02: Filter Efficiency @ 15L/min us	•
	Special Characteristic # 03: Bacterial Filtration Efficiency in accordance with ASTM F2101-07			
	Viral Filtration Efficiency in accordance with ASTM F2101-07  Special Characteristic # 04: Burst Pressure			
	Special Characteristic # 05: 27" water leak test – Static head test			
This material specification describes the properties of product above indicated. This document contains general requirements, material description, drawing references, defect specification, biological material requirements.				
		RFVIS	SIONS AND APPROVALS:	
DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (NAME/FUNCTION/SIGNATURE)	APPROVED BY: (NAME/FUNCTION/SIGNATURE)
27/08/2021	2	Intended use amended.	Kinga Gawdzik - Engineering Support Technician	Andrew Pearce – Quality Manager
			Caush	Marie
		CL	ISTOMER APPROVAL:	
We accept t	his mate	rial specification as a pa	ert of the agreed terms of delivery.	
Company N	lame:			
Approved b	W.			
Approved b		E/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.