

MicraTube



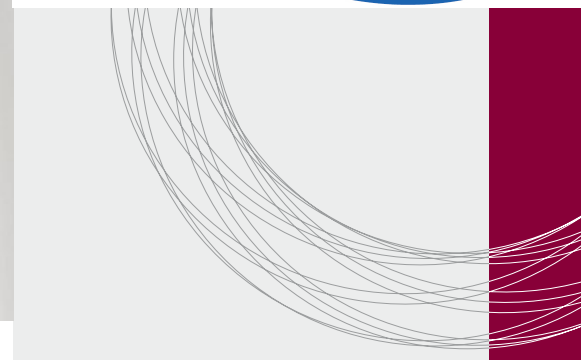
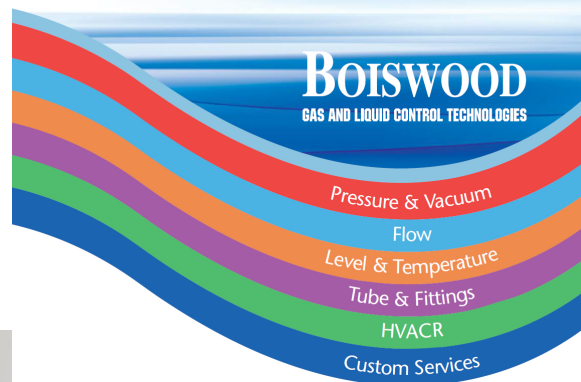
MicraTube is a range of high efficiency vacuum moulded borosilicate glass microfibre filter cartridges. They provide high holding capacities for particulate removal in gas and liquid applications.

- **MicraTube** offers a wide range of filtration efficiency
- High temperature tolerance and broad chemical resistance*
- Low cost solution for a wide range of applications
- Rigid fluorocarbon resin-bonded construction suitable for aggressive applications
- Self-sealing design means no need for additional seals

MicraTube filter cartridges are manufactured under ISO 9001 quality controls to ensure a high quality filtration product.

- Manufactured using state of the art vacuum moulding technology
- Controlled process ensures a high quality white tube
- For easy identification all **MicraTubes** have the model number printed on the outside
- Manufactured in 5 efficiency grades with custom sizes and configurations available on request

* see chemical resistance table at www.micrafilter.com for details of chemical suitability or contact Micrafilter on :-



Applications

- Gas analysis
- Liquid analysis
- Emission monitoring and analysis
- Sample analysis
- Stack gas sampling
- Gas and chemical filtration
- Compressor inlet filtration
- Vacuum pump intake and outlet filtration
- Instrumentation filtration
- Laboratory point of use protection
- Critical instrumentation protection
- General in-line and process protection

Industries

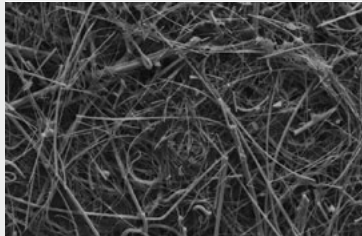
- Alternative fuels
- Automotive
- Chemical manufacturing
- CNG services
- Compressed air and gas
- Electronics
- Food processing and packaging
- Laboratories
- Oil refinery
- Pharmaceutical
- Power generation
- Waste disposal

For information regarding specific applications not listed please contact Micrafilter +44 (0) 191 416 4067

Technical Specification

MicraTube

Filter Cartridge Model	Inside Diameter		Overall Length	
	mm	Inches	mm	Inches
[Grade]-1232	12	0.5	32	1.3
[Grade]-1257	12	0.5	57	2.2
[Grade]-2564	25	1	64	2.5
[Grade]-2127	25	1	127	5
[Grade]-2178	25	1	178	7
[Grade]-3858	38	1.5	58	2.3
[Grade]-3152	38	1.5	152	6
[Grade]-4127	45	1.8	127	5
[Grade]-5189	51	2	89	3.5
[Grade]-5230	51	2	230	9
[Grade]-5476	51	2	476	18.7
[Grade]-6476	63	2.5	476	18.7



MTB 250X

Ordering:

Grades available: MTA, MTB, MTC, MTD, MTE.

All **MicraTube** filter cartridges are supplied in sealed packs of 10.

In addition to our standard **MicraTube** sizes listed, we are also able to manufacture bespoke size tubes, please contact the sales team for further information.

Technical Notes

- 1 **MicraTube** filter cartridges use a PVDF fluoropolymer binder.
- 2 Direction of flow is dependent on the application.

Specification					
Grade	MTA	MTB	MTC	MTD	MTE
Efficiency, air & gas at 0.3 micron	99.9998%	99.9998%	99.99%	99.50%	95%
Efficiency, liquid 98% at	0.3 micron	0.9 micron	2 micron	8 micron	25 micron
Cartridge material	Borosilicate Glass Microfibre				
Recommended filter change ΔP	400 mbar (6psi)				
Temperature range*	-40°C to 150°C (-40°F to 302°F)				

* The temperature range of the filter housing intended for use must also be considered.

To view chemical resistance tables visit www.micrafilter.com