

MicraSorb



MicraSorb disposable filters are suited for the removal of trace extraneous vapours present in gas analyser samples, for the removal of vapour contamination in laboratory applications and the clean up of instrument or actuator air supplies.

Filter Model	Adsorbent	Trace Gas Removal	Price per pack of 10
MSB-AC	Activated carbon	Oil vapours, C5 and heavier hydrocarbons and organic vapours	
MSB-MB	Mixed calcium and sodium hydroxides	Acidic gases	
MSB-PP	Potassium permanganate impregnated alumina	SOX	
MSB-SG	Silica gel	Water vapour	
MSB-4A	Molecular sieve grade 4A	CO, HS, NH	
MSB-13X	Molecular sieve grade 13X	Water vapour C and lighter hydrocarbons and amines	

Ordering:

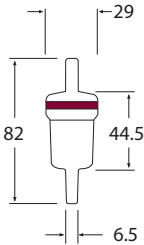
All MicraSorb disposable filter are individually heat sealed in polythene packaging and supplied in packs of 10.

Specification						
Model	MSB-AC	MSB-MB	MSB-PP	MSB-SG	MSB-4A	MSB-13X
Filter Material	Clear Nylon					
Adsorbent Material	Activated Carbon	Mixed Calcium and Sodium Hydroxides	Potassium Permanganate Impregnated Alumina	Silica Gel	Molecular Sieve grade 4A	Molecular Sieve grade 13X
Maximum Pressure	9 barg (130 psig)					
Maximum Flow Rate	4.3 N3/hr / 70 L/min / 2.5 SCFM					
MSB-13X	140 mbar (2 psi)					
Optimal Temperature Range	4°C to 40°C (40°F to 104°F)	1.5°C to 35°C (34°F to 95°F)	1.5°C to 50°C (34°C to 122°C)	1.5°C to 50°C (34°C to 122°C)	1.5°C to 50°C (34°C to 122°C)	1.5°C to 50°C (34°C to 122°C)
Internal Volume	11cm ³					

Flow Correction Chart	For maximum flow rate multiply model 'flow rate' in the table by the correction factor closest to the actual working pressure											
Operating Pressure - barg	0.2	0.5	0.75	1	2	3	4	5	6	7	8	9
Operating Pressure - psig	3	7.5	10	15	30	45	60	75	90	100	115	130
Correction Factor	0.4	0.5	0.55	0.65	1	1.2	1.5	1.8	2.1	2.4	2.5	2.8

Technical Notes

- 1 Flow rates are based on a 2 barg (30 psig) operating pressure. Use the flow conversion chart above to calculate flow rates at other pressures.
- 2 The working life of a MicraSorb is dependent on the application, therefore change as required.
- 3 For higher temperature use please contact Micrafilter.



Dimensions mm