

TECHNICAL DATA SHEET

CONCEPT AIR PARTICULATE FILTERS



DESCRIPTION

The Concept Air R23P2/5, M23P3/5 and R23P2OD/5 filters can be used in the Concept Air powered respirator. The filter media is pleated and has a curved shape to maximise filtering surface area. Due to the large surface area of the filtering media it will extend its operational life. The filter is disposable and must be discarded after use. Each filter is supplied with a sealing gasket.



SPECIFICATION

Product Code	R23P2/5, M23P3/5 and R23P2OD/5
Frame colour	White/Black
Filter weight	86g (R23P2/5) 90g (M23P3/5) 105g (R23P2OD/5)
Viral Filter Effectiveness	99.9% R23P2/5 and R23P2OD/5 99.99% M23P3/5
Particulates	Solid/Liquid - Dusts, mists, fumes, bacteria, virus

MATERIALS

Frame	ABS
Filter media (particulate)	Pleated glass micro-fibres
Filter media (nuisance odour):	Polyester matting impregnated with carbon

EUROPEAN STANDARDS

Product Code	Certified to EN 12941
	TH2P
R23P2/5	✓
R23P2OD/5	✓
R23P3/5	✓

STORAGE AND MAINTENANCE

Storage	The filter should be stored in a clean dry atmosphere within the temperature range +5 °C to +55 °C at R.H. < 90% in its original packaging. It should be protected from direct sunlight and any material known to damage plastics, e.g. petrol and solvent vapours. Filters should be transported in the original packaging.
Lifetime	The filters are designed for 40 hours use in heavy particle atmospheres and 80 hours use in medium particle atmospheres. The shelf life expiry date is 5 years from date of manufacture and is marked on each filter.
Cleaning	The filter must not be cleaned. Please dispose of the filter when blocked or needing replacement.
Disposal	Filters should be disposed of as hazardous waste.