

## DATA SHEET

### Sundström SR510 particle filter

for Sundström half and full face masks



Updated: 01 Feb 2005

<b>Description:</b>	High performance particle filter type P100
<b>Product name:</b>	SR 510
<b>Use:</b>	The model 510 P100 filter is tested and approved by NIOSH for use against fumes, dusts and mists having a time-weighted average less than 0.05 milligram per cubic metre, radon daughters attached to these dusts, fumes and mists, radionuclides and asbestos-containing dusts and mists.
<b>Material:</b>	Moulded polyethylene. No metal parts.
<b>Weight:</b>	approximately 1.5 oz (42 g)
<b>Dimensions:</b>	Largest diameter: approx. 4.2" (107 mm) Thickness: approx. 1.2" (31 mm)
<b>Filtration paper :</b>	Particle filter contains about 160 sq inches (1,096 sq cm) non-woven hydrophobic fibreglass paper
<b>Capacity:</b>	Tested by NIOSH with a DOP aerosol: Flow rate 32 l/min: average leakage <0.001% Flow rate 85 l/min: maximum leakage 0.003% Filter is 100% tested at the manufacturing facility
<b>Pressure drop:</b>	At 85 l/min: 145 Pa (max allowed is 300 Pa) After being loaded with silica dust: 168 Pa (max allowed is 500 Pa)
<b>Pre-filter:</b>	Pre-filter 221 and pre-filter holder 5153 should always be fitted  NB: The pre-filter is not a protective element
<b>Storage:</b>	Store at room temperature in clean, dry place The date of manufacture is printed on the label (Month/Year)