

## DATA SHEET

### Sundström SR231 AG//Formald

for Sundström half and full face masks



Updated: 01 Feb 2005

<b>Description:</b>	The model 231 is a chemical cartridge used to provide protection against certain levels of acid gases and formaldehyde		
<b>Product name:</b>	Sundström chemical cartridge 231		
<b>Use:</b>	The acid gases/formaldehyde cartridge can be combined with a P100 filter 210/310-2, to provide protection against certain combinations of organic vapours and particulates		
<b>Material:</b>	Moulded polyethylene. No metal parts.		
<b>Weight:</b>	approximately 5.6 oz (160 g)		
<b>Dimensions:</b>	Largest diameter: approx. 4.2" (107 mm) Thickness: approx. 1.4" (36 mm)		
<b>Sorbent:</b>	Approximately 4.2 oz (120 g) of activated carbon		
<b>Testing:</b>	Using NIOSH standards at a flow of 64 l/min:		
	<b>Contaminant</b>	<b>Conc.</b>	<b>Perf. period</b>
	Sulphur dioxide	500 ppm	>60 min
	Hydrochloric acid	500 ppm	>60 min
	Chlorine	500 ppm	>55 min
	Formaldehyde	100 ppm	>60 min
	<b>Req:d minimum</b>		
			30 min
			50 min
			35 min
			50 min
<b>Pressure drop:</b>	At 85 l/min: approx 280 Pa (max allowed is 400 Pa)		
<b>Combination:</b>	The chemical cartridge can be combined with particulate filter 210/310-2. Snap the particulate filter onto the cartridge for protection against certain levels of specific contaminants.		
<b>Pre-filter:</b>	Pre-filter and pre-filter holder should always be fitted. These components help protect the cartridge from damage, remove nuisance dust, and extend the life.  NB: The pre-filter can never replace a protective filter		
<b>Storage:</b>	Store at room temperature in clean, dry place. The shelf life for an unopened cartridge is 5 years. The expiration date is printed on the cartridge label: (Day/Month/Year)		