

DATA SHEET

Sundström SR232 OV/AG/HF

for Sundström half and full face masks



Updated: 01 Feb 2005

Description:	The model 232 is a chemical cartridge used to provide protection against certain levels of organic vapours, acid gases and hydrogen fluoride			
Product name:	Sundström chemical cartridge 232			
Use:	The organic vapours, acid gases, hydrogen fluoride cartridge can be combined with a P100 filter 210/310-2, to provide protection against certain combinations of organic vapours, acid gases, hydrogen fluoride and particulates			
Material:	Moulded polyethylene. No metal parts.			
Weight:	approximately 5.4 oz (155 g)			
Dimensions:	Largest diameter: approx. 4.2" (107 mm) Thickness: approx. 1.4" (36 mm)			
Sorbent:	Approximately 4 oz (115 g) of activated carbon			
Testing:	Using NIOSH standards at a flow of 64 l/min:			
	Contaminant	Conc.	Perf. period	Req:d minimum
	Tetrachloromethane	1000 ppm	>55 min	25 min
	Sulphur dioxide	500 ppm	20 min	15 min
	Hydrochloric acid	500 ppm	40 min	25 min
	Chlorine	500 ppm	>35 min	17.5 min
	Hydrogen fluoride	70 ppm	>60 min	30 min
Pressure drop:	At 85 l/min: approx 330 Pa (max allowed is 400 Pa)			
Combination:	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.			
Pre-filter:	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			
Storage:	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)			