

DATA SHEET

Sundström SR76 escape hood for smoke and chemicals



Updated: 02 Jan 2005

Description:	Gas and particle half mask respirator incorporating a chemically resistant hood with visor. The SR76 provides breathing protection along with eye protection and skin protection for the head and neck.
Usage:	Used against particles, dust, smoke, fume, bacteria, viruses, biological warfare agents, and a wide range of organic, inorganic and acid gases and ammonia. Examples: Sarin, nerve gas, mustard gas, cyanogen, phosgene, radioactive dust, toxic particles, aerosols, tear gas, bacteria, viruses, anthrax, smallpox etc. — Also provides protection against industrial gases such as ammonia, hydrogen cyanide, acid gases, chlorine, sulfur dioxide, hydrogen chloride and many more.
Product name:	SR76
Face piece:	Sundström SR 90 silicone half mask respirator. Available in Small/Medium and Medium/Large sizes, one of which should fit most people, male or female
Hood:	Coated Nomex heat and chemical resistant material
Visor:	Scratch-resistant, anti-mist, polycarbonate
Fitting:	No adjustment necessary. The respirator is simply pulled down over the head, and there is no strap adjustment. Due to the special design, the hood/mask combination will provide temporary adequate protection even for bearded men during evacuation.
Temperature:	-30°C to +70°C (-22F to +158F)
Filter:	Sundström ABEK1P3/HE/P100 combination gas cartridge/particle filter (standard) Mask can be fitted with any other Sundström filter.
Weight:	590 g (21 oz)
Size of pack:	120 x 120 x 170 mm (4.7" x 4.7" x 6.7 ")
Storage:	Rugged PA outer bag Airtight sealed inner bag Can be worn on a belt or hung on a wall.
Shelf life:	Hood: 15 years if inner bag is unbroken. Filter: 7.5 years if inner bag is unbroken. Respirator should be returned after 7.5 years for filter replacement and re-sealing of bag. It can then be kept for another 7.5 years.

Gas/particle resistance times:

Gas contaminant (all at 1000 ppm concentration)	SR76 (minutes)	Standards requirement (minutes)
Chlorine	>30	20
Cyclohexane	>90	70
Hydrogen sulphide	>60	40
Hydrogen cyanide	>25	25
Sulfur dioxide	>25	20
Ammonia	>65	50

Source: Product leaflet, Sundström Safety, PO5H-2218 Utg 03 0208 COI, 21 Mar 2003