

DATA SHEET

Sundström SR76-2 escape hood for chemicals



Updated: 11 April 2005

Description:	The SR 76-2 Escape Hood is a filtering respiratory protective device combined with a hood.
Usage:	Used in accidents involving chemicals.
Product name:	SR 76-2 S, S/M (Stationary Storage) SR 76-2 M, S/M (Portable escape hood) SR 76-2 S, M/L (Stationary Storage) SR 76-2 M, M/L (Portable escape hood)
Face piece:	Available in Small/Medium and Medium/Large sizes and fits most adults and teenagers.
Hood:	The hood is based on a Sundstrom silicone half mask, which is mounted in a hood made of chemicals-resistant material.
Visor:	Scratch-resistant, anti-mist, polycarbonate
Fitting:	The hood can be put on quickly and simply, without prior adjustment.
Temperature:	-30°C to +70°C (-22F to +158F)
Filter:	The hood is equipped with combined filter SR 299-2, ABEK1-Hg-P3 and provides protection against all types of particles and following gas types: A1 organic gases and vapours, such as solvents, with boiling points above 65oC. B1 inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide. E1 acidic gases and vapours such as sulphur dioxide and hydrogen fluoride. K1 ammonia and certain amines, such as ethylene diamine. Hg mercury vapour.
Weight:	490 g
Size of pack:	120 x 120 x 170 mm (4.7" x 4.7" x 6.7 ")
Storage:	The hoods are vacuum-packed in aluminium bags. The SR 76-2 M is delivered in a contingency bag made of nylon and designed for mounting on a belt.
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)
A1, Cyclohexane C ₆ H ₁₂ , 1000 ppm	95	70
B1, Chlorine Cl ₂ , 1000 ppm	120	20
B1, Hydrogen Cyanide HCN, 1000 ppm	50	25
B1, Hydrogen Sulphide H ₂ S, 1000 ppm	>120	40
E1, Sulfur Dioxide SO ₂ , 1000 ppm	>45	20
K1, Ammonia NH ₃ , 1000 ppm	105	50
Hg, Mercury vapour Hg, 13 mg/m ³	>200h	100h
Particles:		
Filtration efficiency, Paraffin oil	>99.997%	99.99%
Filtration efficiency, Sodium Chloride NaCl	>99.997%	99.95%

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