

Product leaflet

Product	Model No.	Ordering No.
Half mask	SR 100 S/M	H01-2112
	SR 100 M/L	H01-2012
	SR 100 L/XL	H01-2812

Product Description

The SR 100 half mask is made of silicone in three sizes, i.e. S/M, M/L and L/XL. The mask is equipped with two exhalation valves, which ensures very low exhalation resistance. The valve covers with partitions effectively protect the exhalation membrane against dust and paint mist. The material and pigment of the mask body are approved by FDA and BGA for foods, which minimizes the risk of contact allergies. The easily adjustable elastic head harness straps of the mask are designed as a V-shaped loop and have a large dished crown plate, which contributes towards a comfortable and safe fit. The mask is used either as a filtering device in combination with filters from the Sundström range, or in combination with the SR 307 compressed air attachment which then serves as a breathing apparatus with continuous flow for connection to a compressed air supply. A pre-filter holder is supplied. Best stored in box SR 230 or storage case SR 339.

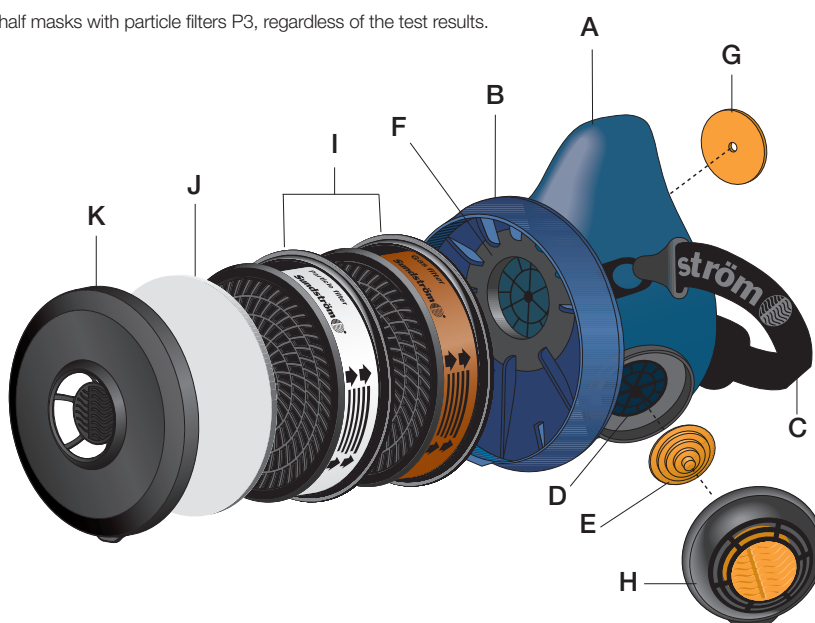
Technical specification

	SR 100	EN 140:1998
Inhalation resistance at 30 l/min	≈ 3 Pa	≤ 50 Pa
Exhalation resistance at 160 l/min	≈ 70 Pa	≤ 300 Pa
Service temperature	-10 – +55 °C, < 90 % RH	-
Storage temperature	-20 – +40 °C, < 90 % RH	-
Weight	≈ 179 g	-
Assigned Protection Factor ¹	20 (P3) 10 (GasX) 10 (GasX P3)	- - -
Nominal Protection Factor ²	48 (P3) 50 (GasX) 48 (GasX P3)	- - -
Approval	EN 140:1998	

1) Specified in BS 4275, and applies generally to all half masks with particle filters P3, regardless of the test results.

2) According to EN 529:2005.

- A. Mask body
- B. Filter attachment
- C. Head harness straps
- D. Exhalation valve seat
- E. Exhalation membrane
- F. Inhalation valve seat
- G. Inhalation membrane
- H. Protective cap
- I. Filters (not included)
- J. Pre-filter
- K. Pre-filter holder



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Size guide SR 100

The SR 100 half mask (APR) is made of silicone and available in three sizes, S/M, M/L & L/XL.

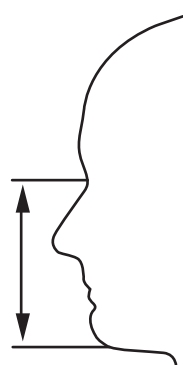
Perfect fit means great protection and the chart below will give you a guidance about which size to choose. It is important to have an air tight seal or the respirator will leak.



Take the measurements

From the chin to the bridge of the nose.

S/M	< 112 mm / 4 ^{13/32} "
M/L	112 mm – 125 mm / 4 ^{13/32} " – 4 ^{59/64} "
L/XL	> 125 mm / 4 ^{59/64} "



S/M



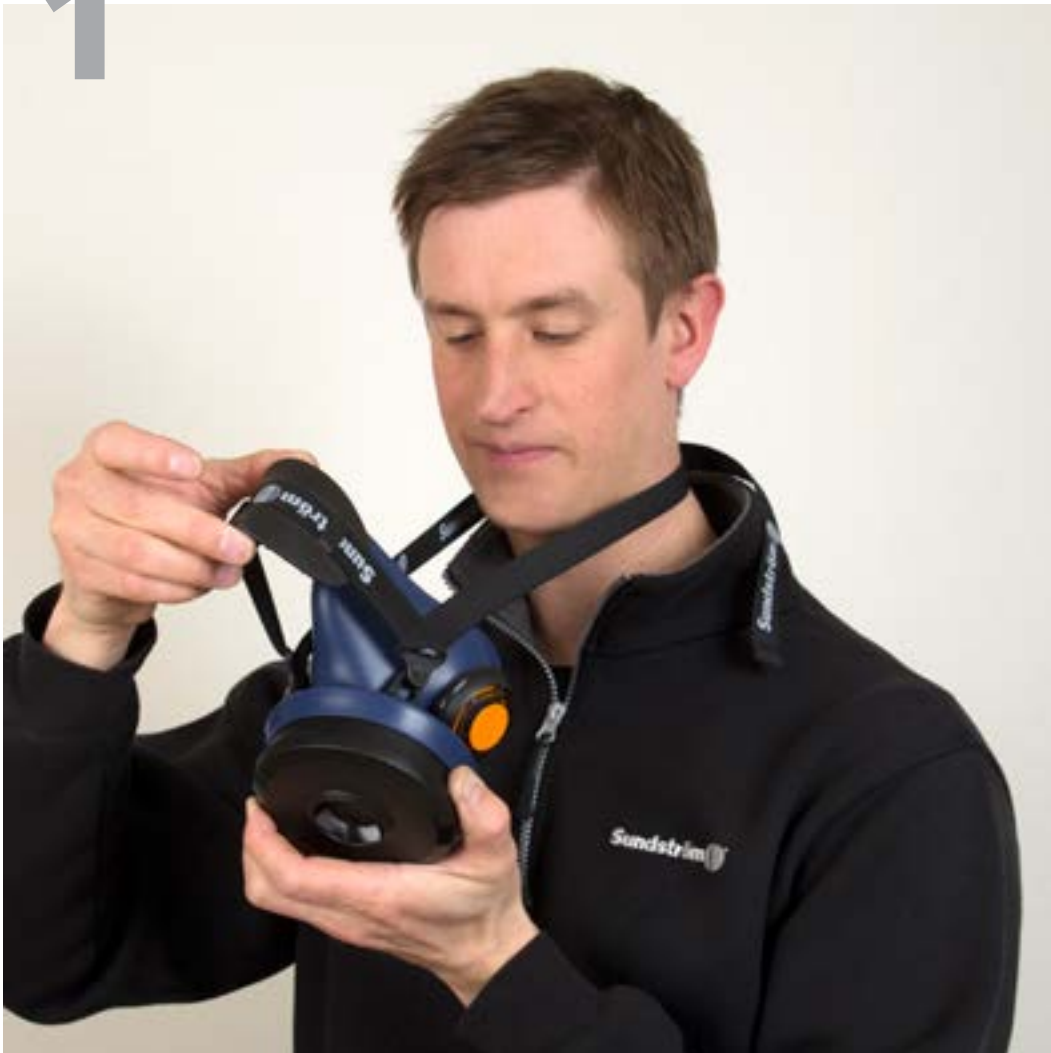
M/L



L/XL

Perfect fit means great protection

1



2



1 Check the mask. Sling the neck strap over your head before fitting it to your face.

2 Start with the chin, then cup the mask over your mouth and nose.

3 Pull the head strap over your head and position it on the crest of your head. Never fit the harness over a cap or a hard hat.

Tighten the head harness at the buckle until the mask is tight but comfortable against your face.

4 Pull the bottom straps outwards a few times to even out the tension and to make sure the top head strap is tight and secure.

3



4



Negative user seal check

Place the palm of your hand lightly over the hole on the pre-filter holder to make it tight.

Do not push so hard that the respirator's shape is affected.

Take a deep breath and hold your breath for about 10 s. If the mask is tight, it will be pressed against your face.



NOTE! If any leakage is detected, check the inhalation and exhalation valves, adjust the straps of head harness or switch to alternative size of the respirator. Repeat the fit check until there is no leakage.