

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.

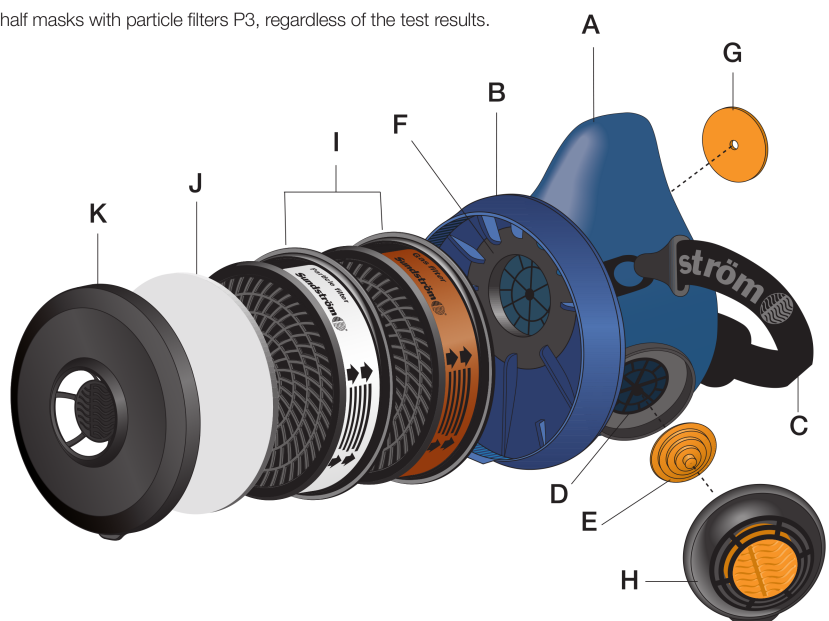
Technical specification

	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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Product leaflet

Product
Particle filter P3 R

Model No.
SR 510

Ordering No.
H02-1312

Product Description

The SR 510, P3 R* particle filter is designed for use in Sundström half masks, full face masks and the SR 500/ SR 500 EX/SR 700 fan. The filter provides protection against all types of particulate pollutants. The particle filter can easily be combined with gas filters from the Sundström filter range in order to provide protection also against gases and vapours, e.g. during spray painting. The particle filter should be combined with pre-filter SR 221, which will thereby extend the life of the particle filter.

The SR 500/SR 500 EX fan should always be used with two particle filters or two combined filters consisting of gas filters and particle filters.

*R (Re-useable): The filter is intended to be used for more than a single shift.

Overview of particle filter

Model Application

SR 510 SR 90-3, SR 100, SR 200, SR 900. Fan SR 500/SR 500 EX/SR 700

SR 710 Fan SR 500/SR 500 EX/SR 700

See separate product leaflets.

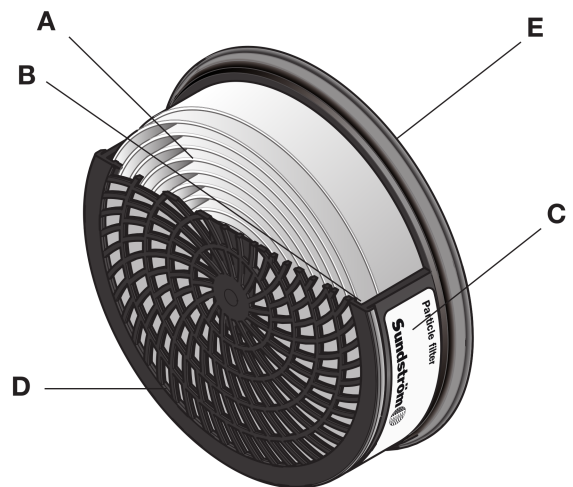
Technical specification

	SR 510	EN 143:2000	EN 12941:1998	EN 12942:1998
Pressure drop at 30 l/min.	≈ 40 Pa	≤ 120 Pa	-	-
Pressure drop at 95 l/min.	≈ 120 Pa	≤ 420 Pa	-	-
Diameter/height	107/31 mm	-	-	-
Weight	≈ 44 g	≤ 300 g	-	-
Service temperature	-10 – +55 °C, < 90 % RH	-	-	-
Storage temperature	-20 – +40 °C, < 90 % RH	-	-	-
Filtration efficiency, paraffin oil	> 99.997 %	≥ 99.95 %	≥ 99.80 %	≥ 99.95 %

Approvals

EN 143:2000,
EN 12941/12942:1998

- A. Filter medium
- B. Hot-melt adhesive
- C. Marking label
- D. Filter case
- E. Gasket



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Produktblad

Produkt	Modellnummer	Best. nr.
Gasfilter A1	SR 217	H02-2512
Gasfilter A2	SR 218	H02-2012

Produktbeskrivning

Gasfilter SR 217, klass 1 och SR 218, klass 2 är avsedda för användning tillsammans med Sundströms halv- och helmasker.

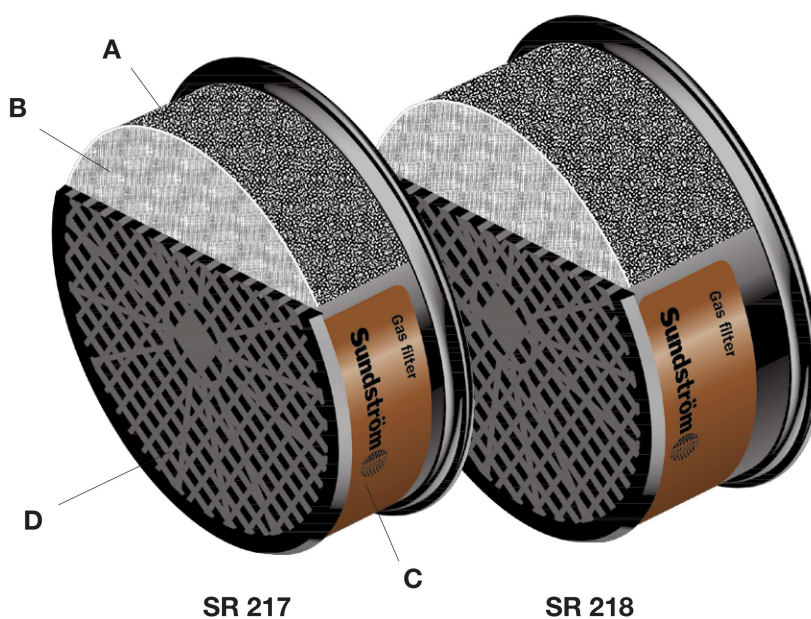
Filtren är båda av typ A och skyddar mot organiska gaser och ångor, t ex lösningsmedel, vars kokpunkt överstiger +65 °C.

Gasfiltren kan enkelt kombineras med partikelfilter SR 510, för att erhålla skydd även mot aerosoler (partiklar), t ex vid sprutmålning.

Teknisk specifikation

	SR 217 A1	EN 14387:2004	SR 218 A2	EN 14387:2004
Tryckfall vid 30 l/min	≈ 40 Pa	≤ 100 Pa	≈ 65 Pa	≤ 140 Pa
Diameter/höjd	106 mm/28 mm	-	106 mm/36 mm	-
Vikt	≈ 115 g	≤ 300 g	≈ 135 g	≤ 300 g
Användningstemperatur	-10 – +55 °C, < 90 % RH		-10 – +55 °C, < 90 % RH	
Förvaringstemperatur	-20 – +40 °C, < 90 % RH		-20 – +40 °C, < 90 % RH	
Resistenstider:				
A1, Cyclohexan C ₆ H ₁₂ , 1 000 ppm	> 100 min	≥ 70 min	-	-
A2, Cyclohexan C ₆ H ₁₂ , 5 000 ppm	-	-	> 45 min	≥ 35 min
Godkännande	EN 14387:2004		EN 14387:2004	

- A. Aktivt kol
- B. Filterrundell
- C. Märkningsetikett
- D. Filterburk



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Produktblad

Produkt
Förfilter

Modellnummer
SR 221

Best. nr.
H02-0312

Produktbeskrivning

Förfilter SR 221 är en rondell som är ämnad att fånga upp grova partiklar och därmed förlänga livslängden på partikelfilterna SR 510 P3 R, SR 610 P3 R, SR 710 P3 R, kombinationsfilter SR 299-2 ABEK1-Hg-P3 R och SR 599 A1BE2K1-Hg-P3 R.

Förfiltret SR 221 placeras i förfilterhållaren som sedan snäpps på partikelfiltret eller kombinationsfiltret.

Teknisk specifikation

SR 221	
Material	Polyester
Tjocklek	1 mm
Diameter	102 mm
Vikt	1,1 g
Tryckfall, 30 l/min	2 Pa
Godkännande	CE-märkt Kategori 1



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