

**Sundström** 

**RESPIRATORY  
PROTECTION**

# CONTENTS

---

## 4. SELECTING BREATHING PROTECTION

- 5. TWO TYPES OF BREATHING PROTECTION
- 6. SELECTING BREATHING PROTECTION ON THE BASIS OF LEVEL OF CONTAMINATION
- 7. SELECTING BREATHING PROTECTION ON THE BASIS OF LEVEL OF WORK DURATION AND WORKLOAD

## 9. HALF AND FULL FACE MASKS

### 10. HALF MASKS

- 10. SR 100
- 12. SR 900

### 14. REMOTE FILTER

- 14. SR 905
- 16. SR 900 SYSTEM
- 18. SR 900 SYSTEM V.1 - V.2
- 20. SR 900 SYSTEM V.3 - V.6

### 22. FULL FACE MASK

- 22. SR 200

## 25. READY PACKS

## 27. POWER ASSISTED FILTER PROTECTION

### 28. SELECT A FAN

- 28. SR 500
- 31. SR 700

## 33. CHOOSE A SUITABLE FACE PIECE

- 33. SR 520 & SR 530
- 35. SR 561 & SR 562
- 36. SR 570
- 40. SR 580
- 42. SR 584 / SR 580
- 44. SR 587 / SR 580
- 44. SR 588-1 / SR 580
- 44. SR 588-2 / SR 580
- 45. SR 591 WELDING SYSTEM
- 47. SR 592 WELDING SYSTEM
- 50. SR 601 / SR 602

## 52. COMMUNICATION SYSTEM

## 54. FILTERS

- 55. CHOOSE A SUITABLE FILTER FOR YOUR WORK ENVIRONMENT
- 56. FILTERS FOR HALF- AND FULL FACE MASK
- 58. FILTERS FOR FAN UNIT

## 61. CONTINUOUS FLOW AIR LINE RESPIRATORY PROTECTION EQUIPMENT

- 62. SR 63
- 63. SR 90 AIRLINE
- 65. SR 200 AIRLINE
- 67. SR 307
- 68. SR 507

## 69. COMPRESSED AIR FILTER

- 69. SR 99-1

## 71. COMPRESSED AIR HOSES

- 71. SR 358
- 71. SR 359
- 71. SR 360

## 72. SR 500 EX

- 75. SR 540 EX
- 76. CHOOSE A SUITABLE FACE PIECE FOR YOUR SR 500 EX

## 77. ESCAPE HOODS FOR EVACUATION IN THE EVENT OF FIRE AND/OR CHEMICAL EMISSION ACCIDENTS

- 79. SR 76-3
- 79. SR 77-3

## 80. THE UNHEALTHY AIR OF THE MINES LED TO THE FIRST RESPIRATORS

## 82. FILTER RECOMMENDATIONS

## FIND YOUR SYSTEM



Filter



Half mask



Full mask



Fan unit



Compressed  
air



Helmet



Shield



Hood

Half masks and full face mask can be worn stand-alone, or connected to either fan units or compressed airline. Similarly, our helmets, shields & hoods can be worn with fan units and airline solutions. Our philosophy is to simplify for the user to find suitable protection. As a guide, we have symbols that shows the possible respiratory solutions.

# SELECTING BREATHING PROTECTION

When all other measures have been taken to reduce dangerous levels of exposure, respiratory protection is the last but important step to prevent harmful air contaminants from entering the body through the airways.

The employer is responsible for the selection, maintenance and provision of breathing protection equipment and its use in the workplace. The user is in his turn responsible for using it according to the employer's routines. A programme designed to protect employees from exposure to air contaminants is described in the EN 529 guidelines: recommendations for the selection, use, care and maintenance of respiratory protection equipment.

## 4 THINGS TO CONSIDER

### 1. IDENTIFICATION:

Which hazardous gases, vapours, dust, smoke or aerosols do we need to protect ourselves from? Make workplace measurements and monitor the concentrations of the hazardous substances.

### 2. RISK ASSESSMENT:

Is sufficient oxygen level present during the entire period of exposure? What are the effects on health of the substances present? Are there any occupational exposure limits for these substances? Are there any other risks, such as splashing, sparks or explosive mixtures?

### 3. SELECTION OF BREATHING

Half mask, full-face mask, powered or air-fed respirators.

### 4. TRAINING:

Fitting, function checks, donning, storage and maintenance. Routines for cleaning and replacing filters and wearing parts.





# 2 TWO TYPES OF BREATHING PROTECTION

## 1 FILTER PROTECTION

Where the surrounding air passes through filters that remove contaminants. This type is used where sufficient oxygen level is present and known contaminants can be captured in the filter. The contaminants must have clear warning properties in the form of odours or taste in concentrations below the occupational exposure limits. Filters must not be used where the contaminant concentrations are Immediately Dangerous to Life and Health.

Examples of filter protection are half and full face masks with replaceable filters as well as powered-assisted filter protection for half and full masks or hoods, visors and helmets. For contaminants in gas form, appropriate gas filters are used with active carbon that absorbs the gas. As the filter becomes saturated the gradual break-through starts, therefore it is important to set up a filter replacement policy.

Particles such as dust, smoke and mist are captured in particle filters. As the degree of clogging rises, breathing resistance increases and the filter must be replaced if it is damaged or breathing becomes difficult. Combination filters are used in the presence of both particles and gas.



## 2 BREATHING APPARATUS

Supplies the user with air from an independent source, via cylinders with compressed air or breathable air from a compressor. Continuous flow air line equipment with hoses is used in half and full face masks, hoods, helmets and visors.

Compressed air-fed breathing protection may be used in all environments suitable for filters and in which a higher level of protection is required. Some substances can not be adsorbed in filters, and in such cases compressed air-fed breathing protection is the only alternative.

The inhaled air must conform to EN 12021 and as an example not exceed the odour threshold for oil ( $0.5 \text{ mg/m}^3$ ).



# SELECTING BREATHING PROTECTION

## ON THE BASIS OF LEVEL OF CONTAMINANT – PROTECTION FACTOR

All types of breathing protection have a specific protection factor that describes how efficiently they reduce the level of the contaminant in the air, i.e. inside the face piece.

### The Assigned Protection Factor (APF)

is based on measurements inside and outside the protective device, conducted on workers in real work environments.

### The Nominal Protection factor (NPF)

is based on laboratory measurements in conjunction with approval of the protection equipment to the EN standard.

Calculation of the protection needed at the workplace should be based on the Assigned Protection Factor (APF). Check national requirements for assigned protection factors EN 529.

The following calculations can be made on the basis of the degree of pollution, ideally determined by work environment measurements, and the occupational exposure limit of the substance involved:

## IMPORTANT FORMULAS

**Required protection factor**  
= Contaminant concentration/OEL

**Max. user concentration**  
= OEL x APF

**Concentration in the respirator**  
= Contaminant concentration/APF

OEL = Occupational exposure limit  
APF = Assigned protection factor

N.B: Filter protection must never be used in concentrations Immediately Dangerous to Life and Health (IDLH). Select appropriate breathing protection whose protection factor exceeds the required protection factor.

In the event of exposure to carcinogenic, sensitizing and similar substances, it is important to select equipment with a maximum protection factor so that the contaminant concentrations within the mask are minimized. Various types of filter protection and their nominal protection factors are shown below.

## NOMINAL PROTECTION FACTOR (NPF)

### MASKS

Filtering facepiece FFP	4 TIMES
Filtering facepiece FFP2	12 TIMES
Sundström half masks	50 TIMES

### POWERED HOOD/ VISOR/HELMET

TH1	10 TIMES
TH2	50 TIMES
TH3	500 TIMES

### FULL FACE MASK

SR 200	2000 TIMES
--------	------------

### POWERED W. FULL FACE MASK

TM3 Sundström	2000 TIMES
---------------	------------

### COMPRESSED AIR LINE EN 14594

A designates light duty, i.e. spiral hose SR 360. B designates heavy duty, i.e. tubes SR 358 and SR 359

1A/1B	10 TIMES
2A/2B	50 TIMES
3A/3B	500 TIMES
4A/4B	2000 TIMES

# SELECTING BREATHING PROTECTION

---

## ON THE BASIS OF LEVEL OF WORK DURATION AND WORKLOAD

For short term jobs with low workload, a negative pressure mask can be used, i.e. half and full face masks with replaceable filters. To avoid harmful leakage into the mask, the fit to the face is important, as inhaling produces a negative pressure in the mask. High inhalation resistance due to large filter combinations contributes to further negative pressure as well as an increased breathing effort.

Long term work with high workloads often requires powered-assisted filter protection. A battery driven fan sucks the air through the filter and blows it into the face piece, which may be a loose-fitting visor, helmet or hood, or a tight fitting half or full face mask. The air flow of the equipment is important to maintain a positive pressure in the face piece, even during deep inhalation, especially with the use of loose fitting visors, helmets or hoods.

High workloads and contaminants with poor warning properties are examples of situations in which compressed air line equipment is appropriate. The compressed air is supplied from a compressor via an air line filter unit and hose to a belt-mounted regulating valve, to the half or full face mask or helmet, visor or hood.

### **TWO DIFFERENT FIT TESTS CAN BE USED TO ASSURE A GOOD FIT FOR HALF AND FULL FACE MASKS.**

#### **Qualitative (subjective) test**

The user dons the protective mask as described in the user manual and is exposed to a substance with a smell, such as isoamyl acetate, or with a taste, such as Saccharin or Bitrex. If the user cannot smell or taste anything, then the respirator has a good fit.

#### **Quantitative (objective) fit test**

The numbers of particles in the ambient air and inside the mask are measured to obtain a ratio describing how well the breathing protection fits. During this test, several exercises are carried out that simulate various situations which may occur during a normal work shift.

The qualitative test depends on the user's sense of smell and/or taste and is considered to be less suitable than a quantitative test for measuring how well the mask fits.

Sundström Safety offers qualified training by our specialists in fitting, function checks, donning, storage and maintenance – in order to ensure a high level of protection for many years.





A man with short brown hair is wearing a black Sundström respirator mask with a large circular filter. He is wearing a dark jacket over a red and blue plaid shirt. The background is a dusty construction site with a tractor visible in the distance.

# HALF AND FULL FACE MASKS

---

Sundström Safety manufactures half and full face masks designed for the toughest applications. The masks are known for their excellent fit, high protection level and breathing comfort.

All masks in Sundström Safety's programme use the same range of filters and can be combined easily and cost-effectively to suit each situation.

## HALF MASK

All half masks with excellent fit, high protection level and very good breathing comfort for use in most work environments.



### SR 100

#### HALF MASK IN THREE SIZES

SR 100 S/M ART NO H01-2112

SR 100 M/L ART NO H01-2012

SR 100 L/XL ART NO H01-2812



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 bag SR 339.



## PRACTICAL ACCESSORIES



SR 339 Storage bag 2,5 L  
ART NO **H09-0112**



SR 64 Protective hood  
ART NO **H09-0301**



SR 345 Protective hood  
ART NO **H09-1012**



SR 346 Protective hood  
ART NO **H09-1112**



SR 230 Storage box  
ART NO **H09-3012**



SR 328 Test adapter  
ART NO **T01-1202**

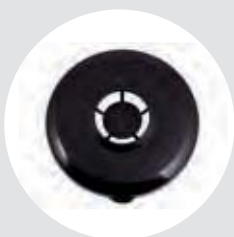


SR 324 Small talk  
ART NO **T01-1217**



Mic cable electret  
ART NO **T09-0001**

## IMPORTANT SPARES



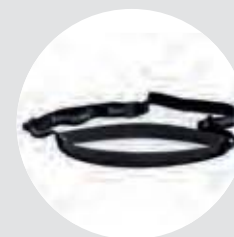
Prefilter holder  
ART NO **R01-0605**



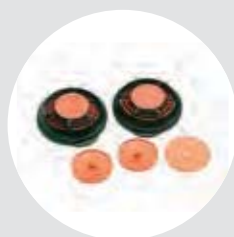
Storage bag for half mask  
ART NO **R01-0607**



Head harness half mask single  
ART NO **R01-2001**



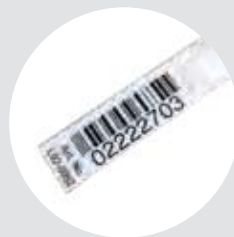
Cradle head harness half mask  
ART NO **R01-2002**



Membrane kit for SR 100/SR  
90-3/SR 900  
ART NO **R01-2004**



Service kit SR 100/SR 90-3  
ART NO **R01-2005**



ID label for masks  
ART NO **R09-0101**



## SR 900

### HALF MASK IN THREE SIZES

SR 900 Small	ART NO <b>H01-3012</b>
SR 900 Medium	ART NO <b>H01-3112</b>
SR 900 Large	ART NO <b>H01-3212</b>



The SR 900 half mask is made of thermoplastic elastomer (TPE) and polypropylene (PP) in three sizes, S, M and L. 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 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 half mask SR 900 is used in combination with:

- Filters from the Sundström range
- Remote filter holder SR 905 according EN 12083
- The SR 307 or SR 507 compressed air attachment which then serves as a breathing apparatus with continuous flow for connection to a compressed air supply according EN 14594
- The fan unit SR 500 or SR 700 and approved filters included in the Sundström fan-assisted respiratory protective device system conforming to EN 12942
- A pre-filter holder is supplied
- Best stored in box SR 230 or storage bag SR 339

## PRACTICAL ACCESSORIES



SR 339 Storage bag 2,5 L  
ART NO **H09-0112**



SR 64 Protective hood  
ART NO **H09-0301**



SR 345 Protective hood  
ART NO **H09-1012**



SR 346 Protective hood  
ART NO **H09-1112**



SR 230 Storage box  
ART NO **H09-3012**



SR 328 Test adapter  
ART NO **T01-1202**



SR 324 Small talk  
ART NO **T01-1217**



Mic cable electret  
ART NO **T09-0001**



## IMPORTANT SPARES



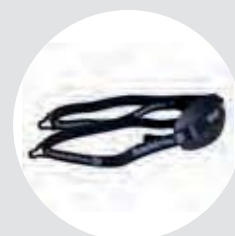
Prefilter holder  
ART NO **R01-0605**



Storage bag for half mask  
ART NO **R01-0607**



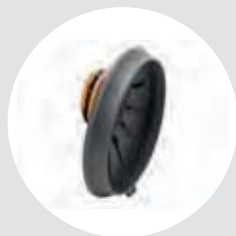
Membrane kit for SR 100/  
SR 90-3/SR 900  
ART NO **R01-2004**



Head harness single for SR 900  
ART NO **R01-3001**



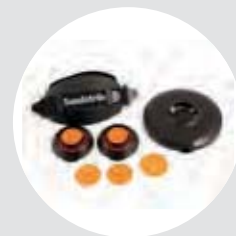
Head harness cradle for SR 900  
ART NO **R01-3002**



Filter holder for half mask SR 900  
ART NO **R01-3003**



Gasket  
ART NO **R01-3004**



Service kit for SR 900  
ART NO **R01-3005**



ID label for masks  
ART NO **R09-0101**



## REMOTE FILTER

Remote filter for connection gives greater freedom of movement and enables use of face shield.

### SR 905

#### REMOTE FILTER HOLDER INCL. BELT ATTACHMENT

ART NO T01-3002



The SR 905 is a remote filter holder that, together with half mask SR 900 and breathing hose SR 951 or SR 952, is included in the Sundström respiratory protective device systems conforming to EN 12083. The remote filter holder is to be equipped with filter(s). The air is inhaled through the filter and breathing hose to the half mask.

The SR 905 is intended to be used in the same environments as a Sundström half mask SR 900. This gives you greater freedom of movement, less weight, and the half mask will be smaller to its size, which makes it possible to use under visors. Filters to the SR 905 is the same approved filters from Sundström filter range that is used together with half mask SR 900. The belt attachment mounts in the users own belt. Other belt options are available as accessories.



### SR 905

#### REMOTE FILTER HOLDER + 952 TWIN HOSE

ART NO H01-3412

Complete Remote filter holder with leather belt and twin hose for use with half mask SR 900. Includes also hose protection and spark protection.



SR 951 Single hose  
ART NO **T01-3003**



SR 952 Twin hose  
ART NO **R01-3009**

## PRACTICAL ACCESSORIES



Hose protection for SR 952  
twin hose  
ART NO **T01-3004**



Polyester belt for SR 905  
remote filter holder  
ART NO **T01-3005**



Leather belt large for SR 905  
ART NO **T01-3006**



Hose clip  
ART NO **T01-3007**



PVC belt  
ART NO **T01-3008**



Leather belt for SR 905  
ART NO **R01-3006**



Strap for twin hose  
ART NO **R01-3012**



Hose for twin hose  
ART NO **R01-3007**



O-rings for SR 952 twin hose  
ART NO **R01-3008**



Inhalation membrane  
ART NO **R01-3010**

## IMPORTANT SPARES



Gasket for SR 952 twin hose  
ART NO **R01-3011**



Belt attachment excl. Belt for SR 905  
ART NO **R01-3028**

## SR 900 SYSTEM WITH SR 500 BATTERY-POWERED FAN

The system below is an example of a SR 900 adapted for a physically strenuous work in a high-exposure environment of both particles and gases.

1

WELDING SHIELD | **SR 591**

2

HALF MASK | **SR 900**

3

HOSE | **SR 952**

4

FAN UNIT | **SR 500**

5

FILTER | **SR 510**  
**SR 515**





## BUY A PRODUCT GET A SYSTEM

The SR 900 half mask is an example of a complete system that can easily be customized to the person who wears it, the physical effort and the workplace requirements and needs. The SR 900 can be equipped with a filter, fan unit or a compressed air attachment and be supplemented with various accessories that protect the eyes and head.

# SR 900 SYSTEM



## STEP 1

### Choose size

The SR 900 is available in three sizes to ensure the best possible fit: Small, Medium and Large.

SR 900 Small	ART NO H01-3012
SR 900 Medium	ART NO H01-3112
SR 900 Large	ART NO H01-3212

## STEP 2

### Asses your requirements and choose a version

The SR 900 system is available in six versions with components selected to offer protection in conditions from lighter workload and lower exposure level to heavier workload / poor warning properties.

## STEP 3

Customise according to your needs.

After choosing a version, continue by selecting the additional components with properties that meet your individual needs.

## LIGHTER WORKLOAD / LOWER EXPOSURE LEVEL

### SR 900 SYSTEM V.1

WITH FILTER ATTACHED DIRECTLY TO THE **SR 900** HALF MASK



### SELECT FILTER

SR 217 A1 Gas Filter ART NO H02-2512	SR 218 A2 Gas Filter ART NO H02-2012	SR 297 ABEK1 Gas Filter ART NO H02-5312
SR 316 K1 Gas Filter ART NO H02-4212	SR 295 K2 Gas Filter ART NO H02-4312	SR 298 AX Gas Filter ART NO H02-2412
SR 315 ABE1 Gas Filter ART NO H02-3212	SR 294 ABE2 Gas Filter ART NO H02-3312	SR 299-2 ABEK1 HG P3 R Combined Filter ART NO H02-6512
SR 221 Pre Filter ART NO H02-0312	SR 510 P3 R Particle filter ART NO H02-1312	

### CHOOSE ACCESSORIES

SR 345  
Protective hood PVC  
ART NO H09-1012



SR 64  
Protective hood Tyvek©  
ART NO H09-0301



## LIGHTER WORKLOAD / LOWER EXPOSURE LEVEL

### SR 900 SYSTEM V.2

WITH SR 905 REMOTE FILTER

#### SR 905

INCL. BELT ATTACHMENT

Based on your needs, you can easily change direction on remote filter holder.



#### SELECT BELT

##### POLYESTER BELT

Standard belt

ART NO T01-3005



##### LEATHER BELT

Suitable for welding or grinding

ART NO R01-3006



##### PVC BELT

Easy to clean

ART NO T01-3008



##### PRIVATE BELT

Use your own existing belt

#### SELECT HOSE

##### SR 951

Single hose, very flexible and offers high durability

ART NO T01-3003



##### SR 952

Twin hose, very flexible and offers high durability

ART NO R01-3009



#### SELECT FILTER

##### SR 217 A1

Gas Filter

ART NO H02-2512

##### SR 218 A2

Gas Filter

ART NO H02-2012

##### SR 297 ABEK1

Gas Filter

ART NO H02-5312

##### SR 315 ABE1

Gas Filter

ART NO H02-3212

##### SR 294 ABE2

Gas Filter

ART NO H02-3312

##### SR 299-2

ABEK1 HG P3 R

Combined Filter

ART NO H02-6512

##### SR 316 K1

Gas Filter

ART NO H02-4212

##### SR 295 K2

Gas Filter

ART NO H02-4312

##### SR 298 AX

Gas Filter

ART NO H02-2412

##### SR 221

Pre Filter

ART NO H02-0312

##### SR 510 P3 R

Particle filter

ART NO H02-1312

#### CHOOSE ACCESSORIES

##### HOSE PROTECTION

for twin hose SR 952

(Note, single pack)

ART NO T01-3004

##### HOSE PROTECTION

for single hose SR 951

ART NO T06-4016

##### SR 336

Steel net disc protects the filters against sparks and spatter

ART NO T01-2001

#### READY KIT

##### READY KIT FOR WELDERS OR GRINDERS

1 x SR 905

Remote filter holder

1 x Twin hose SR 952

2 x Hose protection

- T01-3004

1 x Steel net disc

SR 336

ART NO H01-3412



## HEAVIER WORKLOAD / GREATER EXPOSURE LEVEL

### SR 900 SYSTEM V.3

WITH **SR 700** BATTERY POWERED FILTER FAN FOR PARTICLES ONLY

#### SR 700

A filter fan unit with polyester belt, battery charger and particle filter.

ART NO H06-7010



#### SELECT FILTER

##### SR 510 P3 R

Particle Filter

ART NO H02-1312

##### SR 710 P3 R

Particle Filter

ART NO H02-1512

##### SR 221

Pre Filter

ART NO H02-0312

#### SELECT HOSE

##### SR 951

Single hose, very flexible and offers high durability

ART NO T01-3003

##### SR 952

Twin hose, very flexible and offers high durability

ART NO R01-3009

#### ALTERNATIVE BELT / HARNESS

##### RUBBER BELT SR 504

Easy to clean

ART NO T06-0104

##### LEATHER BELT SR 503

Suitable for welding or grinding

ART NO T06-0103

##### SR 552 HARNESS

Harness evens the weight on your back

ART NO T06-0116



SR 552 HARNESS

#### CHOOSE ACCESSORIES

##### SR 336

Steel net disc protects the filters against sparks and spatter

ART NO T01-2001

##### HOSE PROTECTION

for twin hose SR 952 (Note, single pack)

ART NO T01-3004

##### HOSE PROTECTION

for single hose SR 951

ART NO T06-4016



HOSE PROTECTION for SR 951

## HEAVIER WORKLOAD / GREATER EXPOSURE LEVEL

### SR 900 SYSTEM V.4

WITH **SR 500** BATTERY POWERED FILTER FAN FOR BOTH PARTICLES AND GAS

#### SR 500

A filter fan unit with polyester belt, battery charger and particle filter. Can be used with particle filter or combined filter.

ART NO H06-0112



#### SELECT FILTER

##### SR 510 P3 R

Particle Filter

ART NO H02-1312

##### SR 710 P3 R

Particle Filter

ART NO H02-1512

##### SR 518 A2

Gas Filter

ART NO H02-7012

##### SR 515 ABE1

Gas Filter

ART NO H02-7112

##### SR 597 A1BE2K1

Gas Filter

ART NO H02-7212

##### SR 599

A1BE2K1HGP3 R

Combined Filter

ART NO H02-7312

#### SELECT HOSE

##### SR 951

Single hose, very flexible and offers high durability

ART NO T01-3003

##### SR 952

Twin hose, very flexible and offers high durability

ART NO R01-3009

#### ALTERNATIVE BELT / HARNESS

##### RUBBER BELT SR 504

Easy to clean

ART NO T06-0104

##### SR 503 LEATHER BELT

Suitable for welding or grinding

ART NO T06-0103

##### SR 552 HARNESS

Harness evens the weight on your back

ART NO T06-0116

#### CHOOSE ACCESSORIES

##### HOSE PROTECTION

for twin hose SR 952 (Note, single pack)

ART NO T01-3004

##### HOSE PROTECTION

for single hose SR 951

ART NO T06-4016

##### SR 509

Pre-filter holder for decontamination

ART NO T06-0105

##### HOSE PROTECTION

PE

ART NO T06-0121

##### SR 502

Heavy duty battery

ART NO T06-0101



## HEAVIER WORKLOAD / POOR WARNING PROPERTIES

### SR 900 SYSTEM V.5

WITH **SR 507** COMPRESSED  
AIR ATTACHMENT

#### SR 507

Compressed air  
attachment for SR 900  
mask body mounted  
with single hose.  
ART NO H03-0612



#### SELECT HOSE

##### SR 951

Single hose, very flexible  
and offers high durability  
ART NO T01-3003

#### SELECT COMPRESSED AIR HOSE

##### SR 358

Compressed air hose SR 358 of polyester-reinforced PVC  
ART NO H03-3005 /-10/-15/-20/-25/-30

##### SR 359

Compressed air hose heat resistant and antistatic  
ART NO H03-3105/-10/-15/-20/-25/-30

##### SR 360

Compressed air hose with a coated surface for good  
protection against sparks, e.g. when welding  
ART NO H03-3402 /-4/-6/-8

#### COMPRESSED AIR FILTER

##### SR 99-1

Filter that purifies ordinary  
compressed air to breathable quality  
ART NO H03-2810

#### CHOOSE ACCESSORIES

##### HOSE

##### PROTECTION

for single hose SR 951  
ART NO T06-4016

## HEAVIER WORKLOAD / POOR WARNING PROPERTIES

### SR 900 SYSTEM V.6

WITH **SR 307** COMPRESSED  
AIR ATTACHMENT

#### SR 307

Compressed air  
attachment for  
SR 900 half  
mask mounted in  
the filter holder.  
ART NO H03-1412



#### SELECT COMPRESSED AIR HOSE



SR 358  
Compressed  
air hose



SR 359  
Compressed  
air hose



SR 360  
Compressed  
air hose

#### COMPRESSED AIR FILTER



SR 99-1 COMPRESSED AIR FILTER

## FULL FACE MASK

Full face mask with excellent fit, high protection level, eye protection and very good breathing comfort for use in the toughest work environment.

### SR 200

#### FULL FACE MASK

SR 200 Full face mask PC ART NO **H01-1212**

SR 200 Full face mask glass ART NO **H01-1312**



The SR 200 full face mask is made of silicone and is produced in one size that will fit most face sizes. The mask is equipped with three inhalation valves and two exhalation valves, and the breathing resistance is therefore very low. The exhalation valve covers with baffles effectively protect the valves and membranes against dust and paint mist. The design and location of the exhalation valves improve the scope available for communicating. The material and pigments of the mask body are FDA- and BGA approved for exposure to provisions, which minimizes the risk of contact allergies.

The easily adjustable elastic head harness of the mask is secured to the visor frame and to the exhalation valves which, together with a large crown plate, contributes towards a comfortable and secure fit. Spherical visor with a very wide field of vision. The mask can be used either as a filtering device in combination with filters from the Sundström range of filters, or as breathing apparatus with a continuous air flow together with the SR 307 compressed air attachment.

The SR 200 can also be used as head top together with the Sundström fan unit SR 500 or SR 700. Holder for pre-filter is included. The SR 200 full face masks together with the SR 500 EX fan are approved for use in a potentially explosive atmosphere. Best stored in box SR 344 alternatively storage bag SR 339-1 or SR 339-2.



## PRACTICAL ACCESSORIES



SR 339-2 Storage bag 6,3 L  
ART NO **H09-0114**



SR 280-3 Filter adapter  
ART NO **H09-0212**



SR 341 Spectacle frame  
ART NO **T01-1201**



SR 64 Protective hood  
ART NO **H09-0301**



SR 345 Protective hood  
ART NO **H09-1012**



SR 339-1 Storage bag 4,5 L  
ART NO **H09-0113**



SR 346 Protective hood  
ART NO **H09-1112**



SR 365 Visor in laminated glass  
ART NO **T01-1203**



SR 343 Protective film  
ART NO **T01-1204**



SR 370 Fit test adapter  
ART NO **T01-1206**



SR 84 Welding cassette  
ART NO **T01-1212**



SR 344 Storage box  
ART NO **T01-1214**

SR 353 Protective film  
ART NO **T01-1205**



SR 340 Head harness  
ART NO **T01-1215**



SR 550 Breathing hose,  
PU, 0,9 m  
ART NO **T01-1216**



SR 324 Small talk  
ART NO **T01-1217**



Mic cable electret  
ART NO **T09-0001**



SR 551 Breathing hose,  
rubber 0,7 m  
ART NO **T01-1218**



SR 550 Breathing hose,  
PU 1 m  
ART NO **T01-1220**



SR 551 Breathing hose  
rubber 0,9m  
ART NO **T01-1221**



SR 611 Filter adapter  
ART NO **T01-1223**



SR 611 Filter adapter Bulk  
ART NO **T01-1224**



Hose protection, PE  
ART NO **T06-0121**

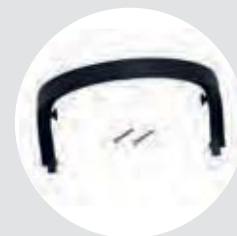
## IMPORTANT SPARES



Prefilter holder  
ART NO **R01-0605**



SR 366 Visor for SR 200  
ART NO **R01-1201**



Upper frame half for SR 200  
ART NO **R01-1202**



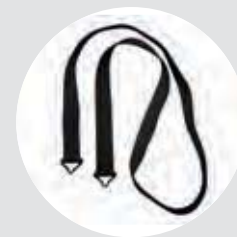
Head Harness for SR 200  
ART NO **R01-1203**



Set of membranes for SR 200  
ART NO **R01-1204**



Seal for SR 200 & SR 580  
ART NO **R01-1205**



Carrier strap for SR 200  
ART NO **R01-1206**



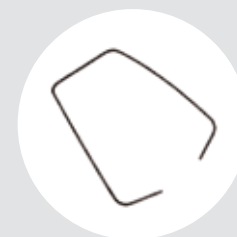
ID label for masks  
ART NO **R09-0101**



Protective visor for SR 83, SR 84  
ART NO **R03-0507**



Welding lens, shade 10  
ART NO **R03-0510**



Retaining clips for welding cassette  
ART NO **R03-0518**





## BASIC PACK

ART NO H05-0004

### CONTENTS

- 1 SR 900 Half mask M
- 1 SR 510 P3 R particle filter
- 5 pre-filters
- 1 pre-filter holder
- 1 cleaning wipe
- 1 set of instructions with maintenance information

All packed in a practical storage box.  
Suitable for use in dusty environments,  
for example with:

- Hay, straw and grain
- Cement and stone dust
- Clearance of water damage, risk of mould
- Dusty cleaning work
- Handling fuel chips
- Wood working
- Chimney-sweeping and cleaning of ventilation installations



## SR 5226

### CLEANING WIPES

- |       |                 |
|-------|-----------------|
| 50p   | ART NO H09-0401 |
| 250p  | ART NO H09-0403 |
| 1000p | ART NO H09-0402 |

Cleaning wipes for daily cleaning of Sundström products.



## PREMIUM PACK

ART NO H05-0002

### CONTENTS

- 1 SR 100 Half mask in silicon M/L
- 1 SR 510 P3 R particle filter
- 1 SR 217 A1 gas filter, protects against most solvents
- 5 pre-filters
- 1 pre-filter holder
- 1 cleaning wipe
- 1 set of instructions with maintenance information

All packed in a practical storage box.

Suitable for use in dusty environments,  
for example with:

- Brush painting (gas filter only)
- Spray painting (combined gas and particle filters)
- High-pressure washing with degreasing (combined gas and particle filters)
- Pesticides and spraying (combined gas and particle filters)
- Adhesives and lacquer with brush (gas filter only)



## PREMIUM PLUS PACK

ART NO H05-0003

### CONTENTS

- 1 SR 100 Half mask in silicon M/L
- 1 SR 510 P3 R particle filter
- 1 SR 297 ABEK1 gas filter, protects against a wide range of gases
- 5 pre-filters
- 1 pre-filter holder
- 1 cleaning wipe
- 1 set of instructions with maintenance information

All packed in a practical storage box.

Suitable for use in dusty environments,  
for example with:

- Agriculture
- Municipal sewage and treatment plants
- Waste and refuse plants
- Operations with many different contaminants, where you want to be sure not to choose the wrong filter





# POWER ASSISTED FILTER PROTECTION

---

Sundström Safety's powered fan units are designed to give the user the maximum level of protection, comfort, simplicity and cost-effectiveness.



# SELECT A FAN

## FAN UNITS SR 500 AND SR 700 ARE CHARACTERIZED BY:

A high air flow, 175 or 240 l/min., which assures positive pressure in the face piece even during heavy workload and maintains high level of protection. The high air flow of both fans, SR 500 and SR 700, assures the highest protection class TH3 or TM3 for all face pieces.

Automatic flow control monitors and maintains the set air flow rate, i.e. no calibration. Alarm functions for clogged particle filters and low battery capacity. Display with clear symbols for key data, e.g. selected air flow and type of alarm. Detachable lithium-ion batteries for fast charging and long service life.

Wide range of face pieces such as hoods, helmets and visors, all in TH3. They can also be connected to the SR 200 full mask or SR 900 half mask, TM3. The electronics and fan case are very well encapsulated (IP67), thus facilitating any vigorous cleaning that may be required. All fans are supplied with a battery, charger, belt, flow meter, pre-filter holder, pre-filter and particle filter.



## SR 500

### FAN UNIT FOR PARTICLES AND GAS

ART NO H06-0112

ART NO H06-0112 HD



The SR 500 is a fan unit designed to give protection against harmful particles as well as gases and vapours. It is equipped with two particle filters SR 510 P3 R or a threaded filter SR 710 P3 R and two pre-filters SR 221 for protection against particles.

For protection against gas exposure: two gas filters SR 518 A2, or two gas filters SR 515 ABE1, or two SR 597 A1B2E2K1 and particle filters SR 510 P3 R. NB: Gas filters must be used in combination with particle filters at all times.

- Optical, acoustic and vibration alarms.
- Standard battery SR 501, 14.8 V, 2.2 Ah, lithium-ion with 30 min. charging time to reach 80% and 1.5 hours to reach 100%
- Heavy duty battery SR 502, 14.8 V, 3.6 Ah, lithium-ion with 45 min. charging time to reach 80% and 2 hours to reach 100%
- The display indicates the battery capacity when the fan starts
- Operating time up to 13 hours depending on selection of filter, flow rate and battery type



## PRACTICAL ACCESSORIES AND SYSTEMS



SR 502 Battery HD, 3,6 Ah  
ART NO **T06-0101**



SR 505 Storage bag  
ART NO **T06-0102**



SR 503 leather belt  
ART NO **T06-0103**  
ART NO **T06-0107 Large**



SR 504 rubber belt  
ART NO **T06-0104**



Belt PVC  
ART NO **T06-0124**



SR 509 prefilter holder  
ART NO **T06-0105**



SR 552 harness for SR 500  
ART NO **T06-0116**



SR 506 chargerstand  
ART NO **T06-0108**



SR 516 charger & chargerstand  
ART NO **T06-0111**



SR 514 splash cover  
ART NO **T06-0114**



SR 553 Heavy duty belt  
ART NO **T06-0119**

SR 553 Heavy duty belt large  
ART NO **T06-0120**



SR 500/SR 570  
ART NO **H06-6612**



Battery tester  
ART NO **T06-0122**



SR 500/SR 520 M/L  
ART NO **H06-0612**



SR 500/SR 200  
ART NO **H06-0812**



SR 500/SR 530  
ART NO **H06-0912**



SR 500/SR 561  
ART NO **H06-5212**



SR 500/SR 580  
ART NO **H06-8112**



SR 500/SR 584/SR 580  
ART NO **H06-8410**



SR 500/SR 601  
ART NO **H06-5612**



SR 500/SR 602  
ART NO **H06-5712**

## IMPORTANT SPARES



Belt SR 500, SR 700  
ART NO **R06-0101**



Battery charger EU for SR 500  
ART NO **R06-0103**



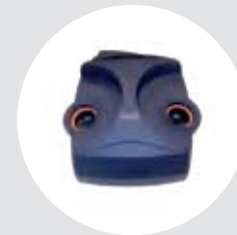
Prefilter holder  
ART NO **R06-0106**



Sealing  
ART NO **R06-0107**



Battery SR 500 FL STD 2,2  
ART NO **R06-0108**



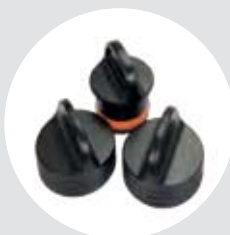
Fan unit, bare  
ART NO **R06-0110**



Plug for belt SR 552  
ART NO **R06-0126**



Clip, spring and pin battery  
ART NO **R06-0127**



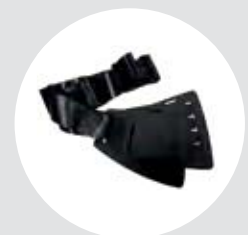
Plug kit for fan units  
ART NO **R06-0703**



Flow meter  
ART NO **R03-0346**



Filter adapter  
ART NO **R06-0105**



Belt PVC  
ART NO **T06-0124**



## SR 700

### FAN UNIT FOR PARTICLES

ART NO **H06-7010**



The SR 700 is a compact lightweight fan designed especially to provide protection against harmful particles where optimal protection properties are required. It is equipped with two particle filters, SR 510 P3 R, or threaded filter SR 710 P3 R, as well as pre-filter SR 221. With acoustic and optical alarms.

- Battery SR 701, 14.8V, 2.2 Ah, lithium-ion with a charging time of approx. 2 hours
- Approx. 8 hours operating time at a flow rate of 175 l/min., and approx. 5 hours at 225 l/min

## PRACTICAL ACCESSORIES



SR 503 Leather belt  
ART NO **T06-0103**  
ART NO **T06-0107 Large**



SR 504 Rubber belt  
ART NO **T06-0104**



SR 505 Storage bag  
ART NO **T06-0102**



SR 514 Splash cover  
ART NO **T06-0114**



SR 552 Harness for SR 500  
ART NO **T06-0116**



SR 700/SR 200/SR 551  
ART NO **H06-7110**



SR 553 Heavy duty belt  
ART NO **T06-0119**



Hose protection, PE  
ART NO **T06-0121**



Battery tester  
ART NO **T06-0122**



Belt PVC  
ART NO **T06-0124**

SR 553 Heavy duty belt large  
ART NO **T06-0120**

## IMPORTANT SPARES

---



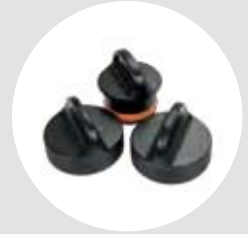
Belt SR 500, SR 700  
ART NO **R06-0101**



Sealing  
ART NO **R06-0107**



Filter adapter SR 700  
ART NO **R06-0701**



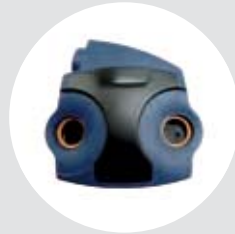
Plug kit for fan units  
ART NO **R06-0703**



Battery charger SR 700  
ART NO **R06-0706**



Battery SR 700  
ART NO **R06-0708**



Fan unit SR 700 bare  
ART NO **R06-0710**



Prefilter holder  
ART NO **R01-0605**



Flow meter  
ART NO **R03-0346**





FACE SHIELDS, HOODS  
AND HELMETS, ALL IN TH3

## CHOOSE A SUITABLE FACE PIECE



## SR 520 & SR 530

### HOODS

SR 520 S/M – ART NO H06-0312

SR 520 M/L – ART NO H06-0212

SR 530 – ART NO H06-0412



SR 520 covers the face and crown of the head and is available in two sizes, S/M and M/L.

SR 530 covers not only the face and crown of the head but also the neck, throat and shoulders. One size. SR 530 has an easily adjustable neck seal that assures a very high level of protection, also for persons with a beard.

- Low weight
- Ready mounted Velcro strip for simple adjustment to head size
- Visor made of chemicals-resistant cellulose acetate (CA)
- PVC-coated polyester in the hood
- Exhalation valve that reduces the build-up of carbon dioxide inside the hood during heavy work
- Can be equipped with peel-offs or a protective hood against strong splash-backs and similar hazards

## PRACTICAL ACCESSORIES

---



SR 586 Tyvec hood  
ART NO **T06-0806**



SR 522 Protective film  
ART NO **T06-0201**



Hose protection, PE  
ART NO **T06-0121**

## IMPORTANT SPARES

---



Membrane kit for SR 520/530  
ART NO **R06-0201**



Sweatband f hood SR 520/SR 530  
ART NO **R06-0203**



O-ring for hose  
ART NO **R06-0202**

# SR 561 & SR 562

## HOODS

ART NO **H06-5012**

ART NO **H06-5112**



SR 561 protects the whole head and shoulders. Adjustable soft neck seal made of cotton.

SR 562 protects the face and crown of the head. Comfortable face seal made of polyamide/lycra.

- Low weight
- Separate head harness allows replacement of the hood alone
- Visor in chemicals-resistant PETG.
- The hood is made of Tyvek® material offering effective protection against a wide range of chemicals
- Easily adjustable head harness



Hose protection, PE  
ART NO **T06-0121**



Towelling sweat band/crown band  
ART NO **T06-0506**



Neck comfort band  
ART NO **T06-0803**

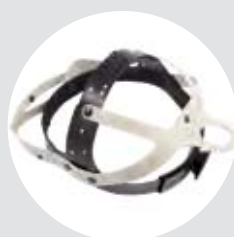
## PRACTICAL ACCESSORIES



SR 544 Sweat band  
ART NO **R06-0504**



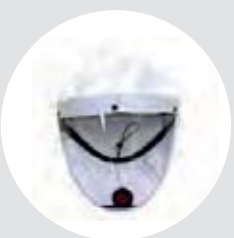
SR 561 Hood long  
ART NO **R06-5001**



SR 560 Head harness  
ART NO **R06-5002**



SR 569 Hose and nut  
ART NO **R06-5003**



SR 562 Hood short  
ART NO **R06-5101**



O-ring for hose  
ART NO **R06-0202**

## IMPORTANT SPARES



## SR 570 FACE SHIELD

The new SR 570 is a robust shield with a flip-up visor. It gives the user comfortable and safe respiratory and eye protection.



## SR 570 FACE SHIELD

ART NO H06-6512



The SR 570 face shield is a modern, innovative product, designed and developed based on the needs and requirements from the market.

The SR 570 is a robust shield with a flip-up visor, and gives the user comfortable and safe respiratory and eye protection.

The face shield is fitted with an attachment for hearing protectors.

A wide range of accessories enable the user to customise the shield for their work situation. The shield is manufactured in a material that permits use in tough environments.

The SR 570 shield can be used with either our SR 500 or SR 700 powered fan unit. It can also be used with the compressed air attachment SR 507.



## PRACTICAL ACCESSORIES



Peel-off 10p  
ART NO **T06-0601**

Peel-off 100p  
ART NO **T06-0608**



Bump cap  
ART NO **T06-0602**



Neck cover  
ART NO **T06-0603**



Visor 2/3 EN 5  
ART NO **T06-0605**



Comfort kit  
ART NO **T06-0606**



Peel-off clips  
ART NO **T06-0607**



Visor 2/3 EN 3  
ART NO **T06-0609**



Sealing cover with thread  
ART NO **T06-0640**



Knob complete  
ART NO **R06-0821**



Hose protection, PE  
ART NO **T06-0121**



SR 586 Tyvec hood  
ART NO **T06-0806**



Mic cable electret  
ART NO **T09-0001**

## IMPORTANT SPARES



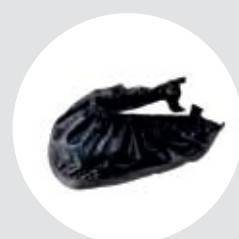
Gasket  
ART NO **R01-3011**



Head harness  
ART NO **R06-0601**



Sweatband  
ART NO **R06-0602**



Face seal  
ART NO **R06-0603**



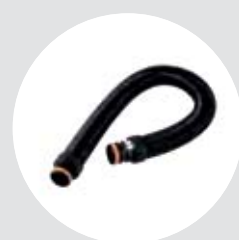
Head harness seal  
ART NO **R06-0610**



Exhalation membrane  
ART NO **R06-0614**



Visor set PC  
ART NO **R06-0616**



Breathing hose  
ART NO **R06-0635**

**BUMP CAP** FOR PROTECTION AGAINST IMPACT OF STATIONARY OBJECTS AND SPLASHES OF MOLTEN METAL

**WELL-BALANCED AND ERGONOMICALLY DESIGNED**

**HEAD HARNESS** WITH SEVERAL ADJUSTMENT OPTIONS FOR BEST FIT

**AIR FLOW DEFLECTOR** FOR MAXIMUM COMFORT

**EASILY REPLACEABLE VISOR** IN SCRATCH-RESISTANT POLYCARBONATE

**DURABLE VISOR**, EASY TO FLIP UP AND WITH WIDE FIELD OF VISION

**CAN BE FITTED** WITH PROTECTIVE FILM IN CASE OF SPLASH-BACK



**EXHALATION VALVE** REDUCES THE CARBON DIOXIDE CONTENT IN THE SHIELD DURING HEAVY WORK





□ **OUTER VISOR 2/3**  
IN EN 3 AND EN 5

□ FITTED WITH  
ATTACHMENT  
FOR **HEARING**  
**PROTECTORS**

□ **CAPE**, TOGETHER WITH BUMP CAP,  
PROTECTS AGAINST PAINT AND  
LIQUID SPLASHES

□ **FLEXIBLE SUPER-FLEX HOSE**

□ **APPROVED** IN CLASS TH3 WITH  
POWERED FAN UNIT AND 3A, 3B  
WITH COMPRESSED AIR ATTACHMENT

□ **READY FOR  
COMMUNICATION  
OPTIONS**

## SR 570 FACE SHIELD

A modern, innovative product,  
design and developed based  
on the needs and requirements  
from the market.



## SR 580

### SAFETY HELMET WITH VISOR

ART NO H06-8012



- Complete protection of airways, head and face
- If required, may be complemented with most ear protectors for helmet mounting
- Easily raised visor made of polycarbonate
- Exhalation valve minimises the concentration of carbon dioxide inside the protective gear during heavy work
- Easily replaceable visor and face seal



## PRACTICAL ACCESSORIES



SR 582 Peel-off set  
ART NO T06-0801



Neck comfort band  
ART NO T06-0803



SR 583 Heat protection  
ART NO T06-0804



SR 583-1 Heat prot. Neck and ears  
ART NO T06-0805



SR 586 Tyvec hood  
ART NO T06-0806



Face seal leather  
ART NO T06-0807



SR 585-2 Neck & chest  
protec. Leather  
ART NO T06-0808



Hose protection, PE  
ART NO T06-0121



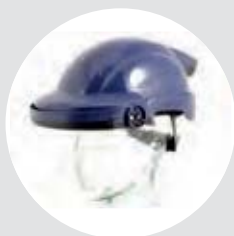
Chem protection  
ART NO T06-8013



Mic cable electret  
ART NO T09-0001



## IMPORTANT SPARES



Helmet, incl. Air duct  
ART NO **R06-0801**



Upper frame set  
ART NO **R06-0802**



Lower frame set  
ART NO **R06-0803**



Head harness  
ART NO **R06-0804**



Face seal  
ART NO **R06-0805**



Leaf spring  
ART NO **R06-0806**



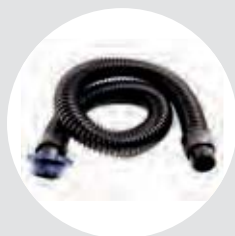
Set of valves  
ART NO **R06-0807**



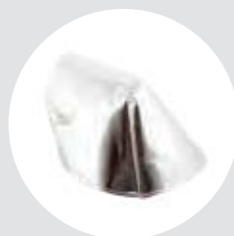
Visor PC  
ART NO **R06-0808**



Sweatband  
ART NO **R06-0809**



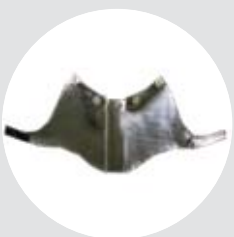
Breathing hose  
ART NO **R06-0810**



Heat protection head  
ART NO **R06-0813**



Heat protection neck earmuffs  
ART NO **R06-0814**



Heat protection neck and ears  
ART NO **R06-0815**



Bottom board f earmuffs  
ART NO **R06-0827**



Lamp bracket for SR 580  
ART NO **R06-0828**



Seal for SR 200 & SR 580  
ART NO **R01-1205**



O-ring for hose  
ART NO **R06-0202**



## SR 584 / SR 580

### SAFETY HELMET WITH VISOR AND WELDING CASSETTE

ART NO **H06-8310**



In addition to breathing and head protection, this equipment also protects the eyes and face during welding.

With the cassette in the raised position, the helmet's large clear visor may be used as face protection when clearing cinders and grinding

- Five passive welding lenses are available, from EN 8 to EN 13
- Supplied with passive welding lens, shade EN 10 with dimensions 90 x 110 mm
- Three types of automatic darkening lenses are available: EN 3/10, EN 3/11 as well as variable EN 4/9-13
- Face seal made of flame-retardant material
- Large selection of accessories including flame-retardant hoods, corrective lenses from 1.0 to 2.5 dioptres etc.

## PRACTICAL ACCESSORIES



Welding lens EN 8, SR 59008  
ART NO **T06-4001**

Welding lens EN 9, SR 59009

ART NO **T06-4002**

Welding lens EN 10, SR 59010

ART NO **T06-4003**

Welding lens EN 11, SR 59011

ART NO **T06-4004**

Welding lens EN 12, SR 59012

ART NO **T06-4005**

Welding lens EN 13, SR 59013

ART NO **T06-4006**

Auto welding lens, EN 3/10

ART NO **T06-4007**



Auto welding lens, EN 3/11  
ART NO **T06-4008**



Auto welding lens, EN 4/9-13  
ART NO **T06-4009**



Correction lens, 1.0 dioptres  
ART NO **T06-4010**

Correction lens, 1.5 dioptres

ART NO **T06-4011**

Correction lens, 2.0 dioptres

ART NO **T06-4012**

Correction lens, 2.5 dioptres

ART NO **T06-4013**



SR 584 welding shield assembly  
ART NO **T06-8010**



Neck, chest protection, welding  
ART NO **T06-8011**



Face seal, welding  
ART NO **T06-8012**



Hose protection SR 59021  
ART NO **T06-4016**



Face seal leather for SR 580  
ART NO **T06-0807**



SR 585-2 Neck & chest  
protoc. Leather  
ART NO **T06-0808**

## IMPORTANT SPARES



Frame welding shield SR 584  
ART NO **R06-0816**



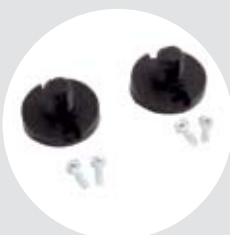
Holder protective lens SR 584  
ART NO **R06-0817**



Spring for welding lens  
ART NO **R06-0818**



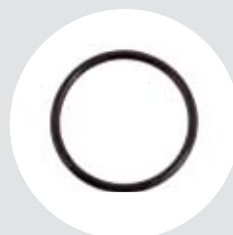
Lock device welding lens  
ART NO **R06-0819**



Adapter right + left SR 584  
ART NO **R06-0820**



Knob complete  
ART NO **R06-0821**



O-ring for hose  
ART NO **R06-0202**

*For more spares see SR 580*



## SR 587 / SR 580

### SAFETY HELMET WITH GOLD VISOR EN 5

ART NO H06-8510



Safety helmet SR 580 with a gold plated shield. Suitable when work is performed in extreme heat as the shield significantly reduces radiant heat.

#### IMPORTANT SPARES

For more spares see SR 580



Gold visor shade 5  
ART NO R06-0824



Gold visor light shade 4  
ART NO R06-0829



## SR 588-1 / SR 580

### SAFETY HELMET WITH 2/3 VISOR EN 3

ART NO H06-8610



Safety helmet SR 580 with visor EN 3. The visor protects against light emissions arising during welding and cutting operations and have a very good optical clarity.

#### IMPORTANT SPARES

For more spares see SR 580



Visor 2/3 shade 3  
ART NO R06-0825



Visor 2/3 shade 5  
ART NO R06-0826

## SR 588-2 / SR 580

### SAFETY HELMET WITH 2/3 VISOR EN 5

ART NO H06-8710



Safety helmet SR 580 with visor EN 5. The visor protects against light emissions arising during welding and cutting operations and have a very good optical clarity.



WELDING SHIELDS  
WITH WORLD CLASS  
RESPIRATORY PROTECTION

## WELDING SYSTEM

As a welder, it is very important to protect your respiratory system and eyes against metal dust and fumes as well as sparks and spatter.



### SR 591 WELDING SHIELD

ART NO H06-4312



SR 591 welding shield is design for use either by itself or in combination with a respiratory protection system. The welding shield is designed for easy use and operation. Adjustable head harness for best comfort. The SR 591 can be equipped with different types of welding filters.

To get the best and appropriate respiratory protection you can choose to use it with either SR 900 half mask with remote filter holder SR 905 or with our powered fan unit SR 500 or SR 700 in the highest protection level (TM3). You can also use SR 900 with our SR 507 compressed air attachment in class 3A/3B.

## PRACTICAL ACCESSORIES



Welding filter EN 8, SR 59008  
ART NO **T06-4001**

Welding filter EN 9, SR 59009  
ART NO **T06-4002**

Welding filter EN 10, SR 59010  
ART NO **T06-4003**

Welding filter EN 11, SR 59011  
ART NO **T06-4004**

Welding filter EN 12, SR 59012  
ART NO **T06-4005**

Welding filter EN 13, SR 59013  
ART NO **T06-4006**

Welding filter, EN 3/10  
ART NO **T06-4007**



Welding filter, EN 3/11  
ART NO **T06-4008**



Welding filter, EN 4/9-13  
ART NO **T06-4009**



Protective hood, SR 59018  
ART NO **T06-4014**



Correction lens, 1.0 dioptries  
ART NO **T06-4010**

Correction lens, 1.5 dioptries  
ART NO **T06-4011**

Correction lens, 2.0 dioptries  
ART NO **T06-4012**

Correction lens, 2.5 dioptries  
ART NO **T06-4013**

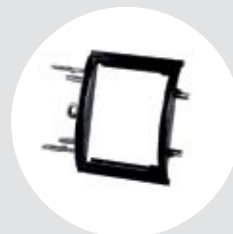
## IMPORTANT SPARES



Head harness for SR 591  
ART NO **R06-4303**



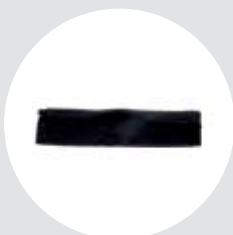
Sweatband for SR 591  
ART NO **R06-4304**



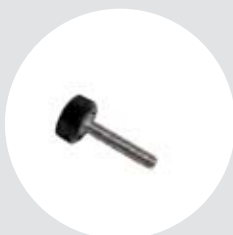
Holder welding filter for SR 591  
ART NO **R06-4306**



Welding filter EN 4/5-13  
ART NO **R06-4508**



Comfort band, neck  
ART NO **R06-4510**



Screw for SR 591/SR 592  
ART NO **R06-4305**



## SR 592

### WELDING SHIELD WITH AIR CHANNEL

ART NO H06-4412



SR 592 welding shield is design for use with a respiratory protection system. The welding shield is designed for easy use and operation. Easy and adjustable head harness for best comfort. The SR 592 can be equipped with different types of welding filters.

To get the best and appropriate respiratory protection you can choose to use it with our powered fan unit SR 500 or SR 700 in the highest protection level (TH3).

## PRACTICAL ACCESSORIES



Welding filter EN 8, SR 59008  
ART NO T06-4001

Welding filter EN 9, SR 59009

ART NO T06-4002

Welding filter EN 10, SR 59010

ART NO T06-4003

Welding filter EN 11, SR 59011

ART NO T06-4004

Welding filter EN 12, SR 59012

ART NO T06-4005

Welding filter EN 13, SR 59013

ART NO T06-4006

Welding filter, EN 3/10

ART NO T06-4007



Welding filter, EN 3/11  
ART NO T06-4008



Welding filter, EN 4/9-13  
ART NO T06-4009



Correction lens, 1.0 dioptries  
ART NO T06-4010

Correction lens, 1.5 dioptries

ART NO T06-4011

Correction lens, 2.0 dioptries

ART NO T06-4012

Correction lens, 2.5 dioptries

ART NO T06-4013



Protective hood, SR 59018  
ART NO T06-4014



Hose protection, SR 59021  
ART NO T06-4016



Screw for SR 591/SR 592  
ART NO R06-4305

## IMPORTANT SPARES



O-ring for breathing hose, fan unit  
ART NO **R06-0202**



Outer protective lens for SR 592  
ART NO **R06-4008**



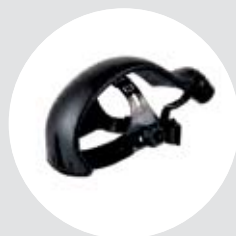
Holder welding filter for SR 592  
ART NO **R06-4306**



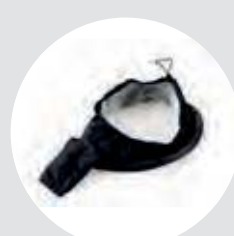
Breathing hose for SR 592  
ART NO **R06-4401**



O-ring for breathing hose, shield  
ART NO **R06-4402**



Head harness for SR 592  
ART NO **R06-4403**



Face seal for SR 592  
ART NO **R06-4404**



Sweatband for SR 592  
ART NO **R06-4405**



Welding filter EN 4/5-13  
ART NO **R06-4508**



Comfort band, neck  
ART NO **R06-4510**





## SR 600

A new comfortable hood series gives the highest respiratory protection level, excellent fit and comfort.



## SR 601 & SR 602

### HOODS

ART NO **H06-5412**

ART NO **H06-5512**



An innovative new hood design, on a multi-adjustable head harness, including a directional air deflector, for optimal protection, fit and comfort. The hoods offer respiratory, head and shoulder coverage, across a multitude of environments. The lightweight SR 601 and SR 602 semi replaceable formats give optimum protection against a wide range of contaminants, in many industrial sectors.

The SR 601 hood is manufactured from a non-woven material with fully welded seams, giving excellent protection against particles and liquids. The non-woven neck seal provides high levels of both comfort and safety assurance.

The SR 602 hood is manufactured from a strong laminated fabric. It has welded and taped seams protecting not only against particles, but additionally offering an exceptional barrier against organic and inorganic chemicals. An easily adjustable neck seal in cotton, offers a higher level of comfort and protection.

When used with Sundstrom's SR 500 or SR 700 fan units, the hoods offer optimum breathing protection. Worn in conjunction with our extensive range of filters, the 601 & 602 hoods provide exceptional filtration, and a pressure within the hood, maintaining exceptional respiratory protection, even when operatives have facial hair.

The hood and fan unit combinations can be used as an alternative to tight fitting masks, particularly in situations where the work is intensive, hot or of long duration whilst providing all the following features and benefits;

- Protect the respiratory organs, head and shoulders
- Replaceable hood
- PETG visor- offering greater chemical resistance
- Adjustable head harness
- Airflow deflector for optimal comfort
- Constant air flow keeps the visor demisted
- Adjustable neck seal (SR 602)
- Replaceable flexible breathing hose
- Replaceable protective films as accessories

## PRACTICAL ACCESSORIES



Protective film 10p  
ART NO **T06-0401**



Comfort kit  
ART NO **T06-0606**



Hose protection, PE  
ART NO **T06-0121**

## IMPORTANT SPARES



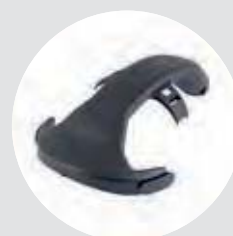
Gasket  
ART NO **R01-3011**



Head harness  
ART NO **R06-0601**



Sweatband  
ART NO **R06-0602**



Air-duct  
ART NO **R06-5402**



Breathing hose  
ART NO **R06-0635**



Hood SR 601  
ART NO **R06-5401**



Hood SR 602  
ART NO **R06-5501**





# SUNDSTRÖM COMMUNICATION SYSTEM

Sundström cables for communication between different units. The systems are based on establishing communication with different units via hearing protection devices.

## MICROPHONE CABLE KIT

Mic cable electret ART NO T09-0001



Microphone cable with electret microphone. The microphone cable is easily mounted in the respirator and then connected to the hearing protector, either directly or via connecting cables.



The communication solutions can be mounted on the following Sundström products:  
Half mask SR 100 and SR 900, Full face mask SR 200, Face shield SR 570 and Helmet SR 580.



Half mask



Full face mask



Face shield

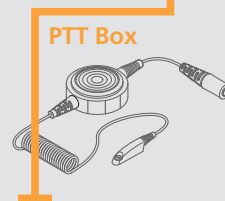
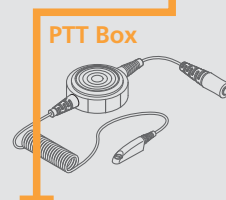
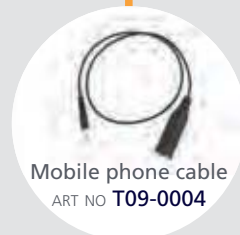
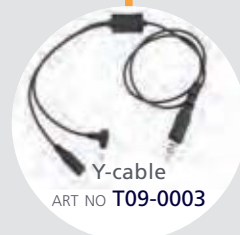
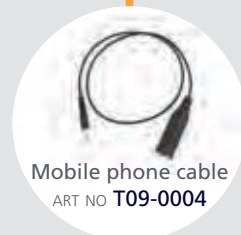
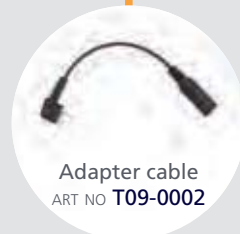
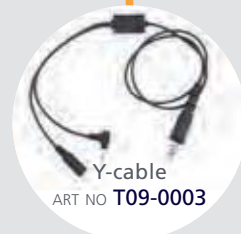
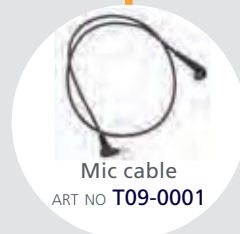


# CHOOSE THE COMMUNICATION SYSTEM FOR YOUR RESPIRATORY EQUIPMENT

## Wireless connected Hearing Protectors



## Cable connected Hearing Protectors



## SYSTEM CONNECTION CABLES



### ADAPTER CABLE

ART NO T09-0002

Adapter cable used for hearing protectors where speaker or microphone input is a 2-pole twin-pin male connector.



### Y-CABLE

ART NO T09-0003

Y-cable is connected when the hearing protector has speaker input and is then connected to the microphone cable and other connection cables. Enables you to connect a mobile phone or via PTT to com-radio.



### MOBILE PHONE CABLE

ART NO T09-0004

Mobile phone cable used for connection to mobile phone from the Y-cable..

# FILTERS

---

Sundström Safety have a range of gas filters, particle filter and combined filter. Choose a suitable filter for your work and environment. The gas filter can easily be combined with a particle filter for protection from both gases and particles.



## PARTICLE FILTERS

for half and full face masks are divided into three classes depending on how effectively they can separate dust, mist and aerosols.

Colour code - white.

Color  
code



A highly efficient filter such as the SR 510 P3 R offers protection against all types of particles such as dust, fume, fog, spray, asbestos even bacteria, viruses and radioactive dust.

A higher class also covers the lower ones, i.e. P3 covers both P1 and P2. The filters are replaced when the particle filter leads to increased breathing resistance. Particle filters offer protection only against particles.

### Protection Classes with respect to efficiency

(EN 143)

(NaCl and paraffin oil)

Class	Efficiency
<b>P1 R/NR</b>	solid and wet particles <b>80 %</b>
<b>P2 R/NR</b>	solid and wet particles <b>94 %</b>
<b>P3 R/NR</b>	solid and wet particles <b>99,95 %</b>

“R” after the class means that the particle filter can be reused.

“NR” after the class means that the particle filter must not be used for more than one shift.



Particle filter SR 510 separates more than 99,997% of the pollution in the air



## GAS FILTERS

for half and full masks are divided into three classes on the basis of their capacity and test concentration.

### Filter Class Tested in concentrations

(EN 14387)

Class	Tested in concentrations
<b>1</b>	0,1 percent by volume = 1000 ppm
<b>2</b>	0,5 percent by volume = 5000 ppm
<b>3</b>	1,0 percent by volume = 10000 ppm

ppm=parts per million

Filter type	Protects against	Color code
<b>A</b>	Organic gases/vapours with a boiling point above 65°C, e.g. solvent naphtha, toluene, styrene and xylene	Brown
<b>B</b>	Inorganic gases/vapours such as chlorine, hydrogen cyanide and hydrogen sulphide	Light blue
<b>E</b>	Acidic gases/vapours such as sulphur dioxide and formic acid	Yellow
<b>K</b>	Ammonia and certain amines	Teal
<b>AX</b>	Organic gases and vapours with a boiling point below 65°C, such as acetone, methanol and dichloromethane	Brown
<b>HG-P3</b>	Mercury	White/Red

Gas filters afford protection only against gases.

## COMBINATION FILTERS

Combination filters are used when gases/vapours occur simultaneously with particles, e.g. in high-pressure cleaning, spray painting, heating substances or gas condensation. Select an appropriate gas filter and combine it with a particle filter by simply pressing them together or use filters with a fixed gas and particle filter in one.

# FILTERS FOR HALF- AND FULL FACE MASK

## SR 221 PRE-FILTER

ART NO H02-0312

Pre filter SR 221 is a disc that is meant to catch coarse particles and by that extend the lifetime of the particle filters SR 510 P3 R and SR 710 P3 R, combined filter SR 299-2 ABEK1-Hg-P3 R and SR 599 A1BE2K1-Hg-P3 R. The pre-filter is placed in the pre-filter holder and then snapped on to the particle filter or combined filter.



## SR 510 P3 R PARTICLE FILTER

ART NO H02-1312

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. Particle filter SR 510 separates 99,997% of the pollution in the air.

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.



## SR 217 A1 GAS FILTER

ART NO H02-2512

Gas filter SR 217, Class 1 are designed for use with Sundström half masks and full face masks. The filter are of type A and provide protection against organic gases and vapours, such as solvents, with boiling points > +65 °C.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during spray painting.



## SR 218-3 A2 GAS FILTER

ART NO H02-2012

Gas filter SR 218 Class 2, are designed for use with Sundström half masks and full face masks. The filter are of type A and provide protection against organic gases and vapours, such as solvents, with boiling points > +65 °C.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during spray painting.



## SR 294 ABE2 GAS FILTER

ART NO H02-3312

Gas filter SR 294, Class 2, are designed for use with Sundström half masks and full face masks. The filter are of type ABE and provide protection against the following types of gases and vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during spray painting.



## SR 295 K2 GAS FILTER

ART NO H02-4312

Gas filter SR 295 Class 2 are designed for use with Sundström half masks and full face masks.

The filter are of type K and provide protection against ammonia and certain amines, such as ethylene diamine.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during high-pressure washing.





## SR 297 ABEK1

### GAS FILTER

ART NO H02-5312



Gas filter SR 297, Class 1, is designed for use together with Sundström half masks and full face masks. The filter is of type ABEK and provides protection against the following types of gases and vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

Type K protects against ammonia and certain amines, such as ethylene diamine.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during spray painting.

## SR 298 AX

### GAS FILTER

ART NO H02-2412



Gas filter SR 298 is designed for use with Sundström half masks and full face masks. The filter is of type AX and provides protection against organic gases and vapours, such as solvents, with boiling points ≤ +65 °C.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during spray painting.

## SR 315 ABE1

### GAS FILTER

ART NO H02-3212



Gas filter SR 315 Class 1 are designed for use with Sundström half masks and full face masks. The filter are of type ABE and provide protection against the following types of gases and vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during spray painting.

## SR 316 K1

### GAS FILTER

ART NO H02-4212



Gas filter SR 316, Class 1 are designed for use with Sundström half masks and full face masks.

The filter are of type K and provide protection against ammonia and certain amines, such as ethylene diamine.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during high-pressure washing.

## SR 299-2 ABEK1 HG P3 R

### COMBINED FILTER

ART NO H02-6512



The SR 299-2 is a combined filter consisting of a Class 1 gas filter and Class 3 particle filter. The filter is designed for use in Sundström full face masks and half masks. The filter is of type ABEK1-Hg-P3 R and provides protection against the following types of gases, vapours and particles:

Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

Type K protects against ammonia and certain amines, such as ethylene diamine.

Type Hg protects against mercury vapour. Warning. Maximum use time 50 hours.

Type P3 R\* protects against all types of particulate pollutants, e.g. dust, mist and smoke.

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

## SR 336

### STEEL NET DISC

ART NO T01-2001



The SR 336 Steel net disc consists of a disc punched out of stainless steel mesh. The disc is fitted at the bottom of the pre-filter holder of the mask and protects the filters against sparks and spatter that occurs during welding, flame cutting, grinding and similar work.

# FILTERS FOR FAN UNIT

## SR 221

### PRE FILTER

ART NO **H02-0312**

Pre filter SR 221 is a disc that is meant to catch coarse particles and by that extend the lifetime of the particle filters SR 510 P3 R and SR 710 P3 R, combined filter SR 299-2 ABEK1-Hg-P3 R and SR 599 A1BE2K1-Hg-P3 R.

The pre-filter is placed in the pre-filter holder and then snapped on to the particle filter or combined filter.



## SR 510 P3 R

### PARTICLE FILTER

ART NO **H02-1312**

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. Particle filter SR 510 separates 99,997% of the pollution in the air.

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 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.



## SR 710 P3 R

### PARTICLE FILTER

ART NO **H02-1512**

The SR 710 particle filter is provided with a special thread and is designed for use in the Sundström SR 500/ SR 500 EX/SR 700 battery-powered fan as a separate particle filter, i.e. it cannot be combined with a gas filter.

The filter is of P3 R\* type and provides protection against all types of particulate pollutants. Particle filter SR 710 separates 99,997% of the pollution in the air. If a combined filter for fan SR 500/SR 500 EX is needed, the gas filter should be combined with the SR 510 particle filter.

The particle filter should be combined with pre-filter SR 221, which will thereby extend the life of the particle filter.

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



## SR 515 ABE1

### GAS FILTER

ART NO **H02-7112**

SR 515 ABE1 gas filter are intended for use in the SR 500/SR 500 EX fan. Protect against the following gases/vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

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



## SR 518 A2

### GAS FILTER

ART NO **H02-7012**

The SR 518 A2 gas filter are intended for use in the SR 500/SR 500 EX fan. Protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

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



## SR 597 A1BE2K1

### GAS FILTER

ART NO **H02-7212**

The SR 597 A1BE2K1 are intended for use in the SR 500/SR 500 EX fan. Protects against the following gases/ vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points >+65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

Type K protects against ammonia and certain amines, such as ethylene diamine. The SR 500/SR 500 EX fan unit must always be used with two particle filters or two combined filters consisting of gas filters and particle filters.



## SR 599 A1BE2K1-HG-P3 R COMBINED FILTER

ART NO H02-7312

The Combined filter SR 599 is intended for use in the SR 500/ SR 500 EX fan. The filter is of type A1BE2K1-Hg-P3 R and provides protection against the following types of gases and vapours:



Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

Type K protects against ammonia and certain amines, such as ethylene diamine.

Type Hg protects against mercury vapour. Warning. Maximum use time 50 hours.

Type P3 R\* protects against all types of particulate pollutants, e.g. dust, mist and smoke.

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

## SR 336 STEEL NET DISC

ART NO T01-2001

The SR 336 Steel net disc consists of a disc punched out of stainless steel mesh. The disc is fitted at the bottom of the pre-filter holder of the mask and protects the filters against sparks and spatter that occurs during welding, flame cutting, grinding and similar work.



## A FILTER GUIDE IN YOUR HANDS

Sundström filter Guide app help you find the type of filter that is suitable for your work environment. Search by Cas-number or chemical name.

Download "Sundström Safety Filter Guide" for free on Appstore and Google Play.







A man in a dark denim shirt is wearing a black Sundström continuous flow air line respiratory protection mask. The mask has a clear lens and a black strap with the Sundström logo. A black hose is connected to the mask. The background is a dark industrial setting with large metal structures and a crane.

# CONTINUOUS FLOW AIR LINE RESPIRATORY PROTECTION EQUIPMENT

---

Sundström Safety's compressed air fed breathing protection equipment with continuous flow is developed to protect users working with contaminants that have poor warning properties, or cannot be absorbed in a gas filter, as well as with particularly toxic contaminants. It can be used at all times as an alternative to filter protection for work that is heavy, hot or of long duration.



## SR 63

### COMPRESSED AIR HOOD

ART NO H03-0312

Compressed air hood SR 63 consists of a hood in durable fabric reinforce PVC with a large visor in shatterproof polycarbonate with an easily adjustable harness. Complete with control valve and belt.

- Can be equipped with a protective film
- The air flow is controlled by the regulating valve in the belt to assure a flow rate of between 150 and 240 l/min
- The inlet pressure to the regulating valve shall be 4 - 7 bar
- A flow meter and warning whistle for temporary and continuous control of the air flow are included

## IMPORTANT SPARES



Disposable visors for SR 63  
ART NO **R03-0105**



Rubber grommets for SR 63  
ART NO **R03-0112**



Hood SR 63 naked  
ART NO **R03-0305**



Visor for SR 63  
ART NO **R03-0306**



Service kit for SR 63,visor  
ART NO **R03-0308**



Breathing hose for SR 63  
ART NO **R03-0311**



SR 63 excl.control valve  
ART NO **R03-0314**



SR 348 Control valve assembly  
ART NO **R03-0317**



Head harness assembly for SR 63  
ART NO **R03-0322**



Flow meter  
ART NO **R03-0346**



Safety coupling 1/4"  
ART NO **R03-0352**



PVC belt  
ART NO **T01-3008**

## SR 90 AIRLINE

S/M ART NO **H03-1612**

M/L ART NO **H03-1512**



SR 90 airline with filter backup. This consists of a half mask SR 90 (silicone) where the compressed air is led via a hose from the regulating valve into the mask. A suitable filter or filter combination in the mask assures protection in the event of loss of pressure and when moving to and from the workplace. It can also be used without a filter backup with the aid of the supplied cover, for example under a visor. Complete with control valve and belt.

- The air flow is controlled by the regulating valve in the belt to assure a flow rate of between 150 and 320 l/min
- The inlet pressure to the regulating valve shall be 4 - 7 bar
- A flow meter and warning whistle for temporary and continuous control of the air flow are included



### PRACTICAL ACCESSORIES



SR 64 Protective hood  
ART NO **H09-0301**



SR 345 Protective hood  
ART NO **H09-1012**



SR 346 Protective hood  
ART NO **H09-1112**



PVC belt  
ART NO **T01-3008**

### IMPORTANT SPARES



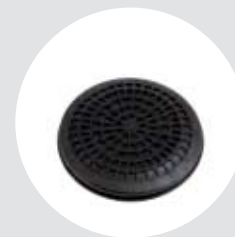
Flow meter  
ART NO **R03-0346**



Safety coupling 1/4"  
ART NO **R03-0352**



Silencer for SR 90 Airline  
ART NO **R03-1405**



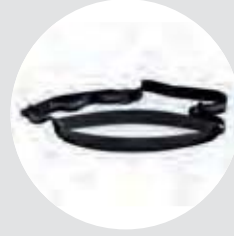
SR 367 Sealing cover  
ART NO **R03-1406**



Belt  
ART NO **R03-1510**



Prefilter holder  
ART NO **R01-0605**



Cradle head harness Half mask  
ART NO **R01-2002**



ID label for masks  
ART NO **R09-0101**



SR 90 Airline M/L with hose  
ART NO **R03-1531**



Breathing hose SR 90 Airline  
ART NO **R03-1534**



SR 347 Control valve for SR 90 Airline  
ART NO **R03-1535**





# SR 200 AIRLINE

Airline PC ART NO **H03-1012**

Airline Glass ART NO **H03-1212**



SR 200 airline with filter backup. This consists of an SR 200 full mask with a hose connection mounted in the front part of the mask where the air from the regulating valve enters. A suitable filter/filter combination in the mask offers protection in the event of loss of pressure and when moving to and from the workplace. Complete with regulating valve and belt.

- In restricted spaces, the equipment can be used with a plugged front hole
- Specially developed for environments requiring a high protection factor
- The air flow is controlled by the regulating valve in the belt to assure a flow rate of between 150 and 320 l/min
- The inlet pressure to the regulating valve shall be 5 - 7 bar
- A flow meter and warning whistle for temporary and continuous monitoring of the air flow are included
- The breathing hose can be detached from both the mask and regulating valve, allowing the face piece to be used as a regular full mask with a filter, or connected to one of Sundström Safety's fans SR 500 or SR 700

## PRACTICAL ACCESSORIES



SR 280-3 Filter adapter  
ART NO **H09-0212**



SR 341 Spectacle frame  
ART NO **T01-1201**



SR 365 Visor in Laminated glass  
ART NO **T01-1203**



SR 343 Protective film  
ART NO **T01-1204**



SR 353 Protective film  
ART NO **T01-1205**



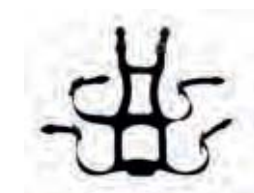
SR 370 Fit test adapter  
ART NO **T01-1206**



SR 84 Welding cassette  
ART NO **T01-1212**



SR 344 Storage box  
ART NO **T01-1214**



SR 340 Head harness  
ART NO **T01-1215**



PVC belt  
ART NO **T01-3008**



SR 345 Protective hood  
ART NO **H09-1012**



SR 346 Protective hood  
ART NO **H09-1112**

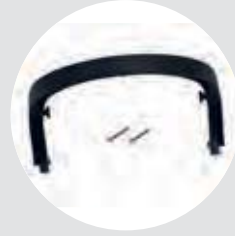
## IMPORTANT SPARES



Prefilter holder  
RT NO **R01-0605**



SR 366 Visor for SR 200  
ART NO **R01-1201**



Upper frame half for SR 200  
ART NO **R01-1202**



Head Harness for SR 200  
ART NO **R01-1203**



Set of membranes for SR 200  
ART NO **R01-1204**



Seal for SR 200 & SR 580  
ART NO **R01-1205**



Carrier strap for SR 200  
ART NO **R01-1206**



ID label for masks  
ART NO **R09-0101**



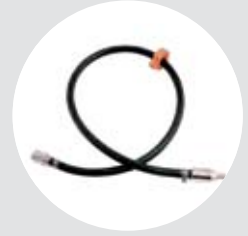
Flow meter  
ART NO **R03-0346**



Safety coupling 1/4"  
ART NO **R03-0352**



SR 350 Control valve  
ART NO **R03-1001**



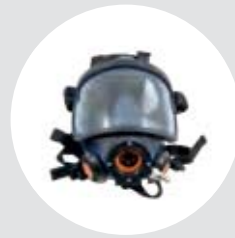
Breathing hose assembly  
ART NO **R03-1003**



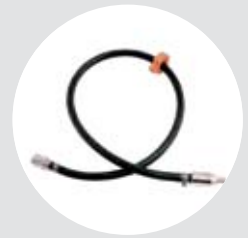
Sealing plug  
ART NO **R03-1005**



SR 200 Airline PC excl.  
valve & hose  
ART NO **R03-1006**



SR 200 Airline glass excl.  
valve & hose  
ART NO **R03-1008**



Breathing hose long  
ART NO **R03-1023**



SR 367 Sealing cover  
ART NO **R03-1406**



Belt  
ART NO **R03-1510**

# SR 307

## COMPRESSED AIR ATTACHMENT

ART NO H03-1412



The SR 307 compressed air attachment is designed for connection to Sundström half masks and full face masks.

This combination forms a breathing apparatus designed for continuous air flow, for connection to a compressed air supply. The SR 307 is an accessory that enables a given facepiece to be used as either a filtering device or a protective device supplied with compressed air. The compressed air attachment is especially intended for applications involving heavy and sustained work in environments in which the pollutants have poor warning properties or are particularly toxic.

The SR 307 is made of a material which is not liable to give rise to frictional sparking, which enables the attachment to be used in an explosive or flammable environment. The flow meter and warning whistle for temporary and continuous monitoring of the air flow rate are included. Control valve mounted on the user's belt is included.



## IMPORTANT SPARES



Flow meter  
ART NO **R03-0346**



Safety coupling 1/4"  
ART NO **R03-0352**



Service kit for SR 307  
ART NO **R03-1417**



Connection adapter for SR 307  
ART NO **R03-1425**



SR 347 Control valve  
ART NO **R03-1426**



Breathing hose for SR 307  
ART NO **R03-1428**



Belt  
ART NO **R03-1510**



PVC belt  
ART NO **T01-3008**

## SR 507

### COMPRESSED AIR ATTACHMENT

ART NO H03-0612



The SR 507 compressed air attachment is designed for connection to Sundström hoods SR 520/ SR 530/ SR 561/ SR 562, visors SR 570/ SR 540 EX, half mask SR 900, helmet with visor SR 580 and welding shield/helmet with visor SR 584/ SR 580.

This combination forms a breathing apparatus designed for continuous air flow, for connection to a compressed air supply. The SR 507 is an accessory that enables a given face piece to be used as either a protective device supplied with compressed air or a powered air purifying respirator (PAPR). The compressed air attachment is especially intended for applications involving heavy and sustained work in environments in which the pollutants have poor warning properties or are particularly toxic.

The SR 507 is made of materials which are not liable to give rise to friction sparking, which enables the attachment to be used in an explosive or flammable environment. The flow meter and warning whistle for temporary and continuous monitoring of the air flow rate are included. Control valve mounted on the user's belt is included.



## PRACTICAL ACCESSORIES



Flow meter  
ART NO R03-0346



Safety coupling 1/4"  
ART NO R03-0352



SR 348 Control valve  
ART NO R03-0601



Connection adapter for SR 507  
ART NO R03-0602



Belt  
ART NO R03-1510



PVC belt  
ART NO T01-3008



# COMPRESSED AIR FILTER

## SR 99-1

### COMPRESSED AIR FILTER

ART NO H03-2810

The SR 99-1 compressed air filter is used for producing clean breathing air from ordinary compressed air. The unit consists of a regulator, pre-collector and main filter (SR 292), all of which are mounted in an enclosing steel sheet stand.

The unit can be placed on the floor or mounted on a wall. The pre-separator has automatic drainage, separates coarser particles, water and oil.

The SR 292 main filter consists of a carbon filter part (500g), surrounded by two P3 particulate filters. The air is cleaned to remove any remaining particles/gases/vapours/odours. A Y coupling that increases the number of outlets is available as accessory.



## IMPORTANT SPARES



SR 292 Filter cartridge  
ART NO R03-2001



Safety coupling  
ART NO R03-2103



Y coupling  
ART NO R03-2127



Gasket set for filter housing  
ART NO R03-2604



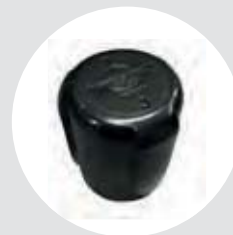
Knob  
ART NO R03-2607



Hose with couplings for SR 99  
ART NO R03-2605



Filter regulator, automatic drain  
ART NO R03-2801



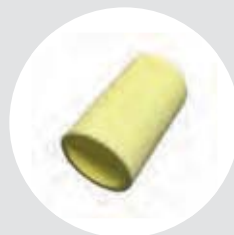
Knob  
ART NO R03-2803



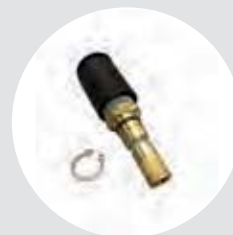
Mounting nut, filter regulator  
ART NO R03-2809



Seal drain bowl  
ART NO R03-2806



Pre-collector element  
ART NO R03-2805



Automatic drain  
ART NO R03-2804



Drain bowl  
ART NO **R03-2808**



Pressure gauge  
ART NO **R03-2108**



# COMPRESSED AIR HOSES

## SR 358

### COMPRESSED AIR HOSE

ART NO H03-3005/-10/-15/-20/-25/-30

Compressed air hose SR 358 of polyester-reinforced PVC is equipped with CEJN safety couplings for direct connection to Sundström Safety's compressed air line filter units as well as our constant flow air line respirators. Available in lengths of 5, 10, 15, 20, 25 and 30 m.



## SR 359

### COMPRESSED AIR HOSE

ART NO H03-3105/-10/-15/-20/-25/-30

Compressed air hose SR 359 of polyester-reinforced EPDM is equipped with CEJN safety couplings for direct connection to Sundström Safety's compressed air line filter unit as well as our constant flow air line respirator. Available in lengths of 5, 10, 15, 20, 25 and 30 m.

## SR 360

### COMPRESSED AIR HOSE

ART NO H03-3402/-4/-6/-8

Compressed air hose SR 360 of polyurethane is equipped with CEJN safety couplings for direct connection to Sundström Safety's compressed air line filter unit as well as our constant flow air line respirators. The hose surface has a coating that offers good protection against sparks, e.g. when welding. Available in lengths of 2, 4, 6 and 8 m.



# SR 500 EX

---

The intrinsically safe SR 500 EX is a battery-powered fan unit that is specially designed to be used in a potential explosive atmosphere. Sundström Safety's powered fan units are designed to give the user the maximum level of protection, comfort, simplicity and cost-effectiveness.



# SR 500 EX

## EASILY OPERATED BATTERY POWERED FAN WITH PARTICLE- OR COMBINATION FILTERS

ART NO H06-2012



The SR 500 EX fan is explosion-proof and specially adapted for use in an explosive atmosphere. The SR 500 EX is included together with filters and head-tops in Sundström fan-assisted respiratory protective devices


The SR 500 EX can be used as an alternative to filter protections in all situations in which the latter are recommended. This applies particularly to situations in which the work is intensive, hot or of long-duration. The fan is equipped with filters and the filtered air is supplied through a breathing hose to the head-top. The latter is then pressurized, which prevents the surrounding pollutants from being admitted.

Wide range of face pieces such as hoods, helmets and visors, all in TH3. They can also be connected to the SR 200 full mask in TM3.



### RISK ASSESSMENT

It is essential that a risk assessment is done before an EX classified product is chosen. The risk assessment shall be carried out and be documented by a person that has knowledge and suitable training to carry out this type of assessment.

	Explosion protection mark
<b>II</b>	Equipment group (explosive atmospheres other than mines with fire damp)
<b>2 G</b>	Equipment category (2 = High level of protection for Zone 1, G = Gas)
<b>2 D</b>	Equipment category (2 = High level of protection for Zone 21, D = Dust)
<b>Ex</b>	Explosion protected
<b>ib</b>	Type of protection (Intrinsic safety)
<b>IIA</b>	Gas group (Propane)
<b>IIB</b>	Gas group (Ethylene)
<b>IIIC</b>	Dust material group (zone with conductive dust)
<b>T3</b>	Temperature class, gas (maximum surface temperature +200°C)
<b>T195°C</b>	Temperature class, dust (maximum surface temperature +195°C)
<b>Gb</b>	Equipment Protection Level, gas (high protection)
<b>Db</b>	Equipment Protection Level, dust (high protection)

## PRACTICAL ACCESSORIES



SR 503 EX Leather belt  
ART NO **T06-2149**



SR 504 EX Rubber belt  
ART NO **T06-2150**

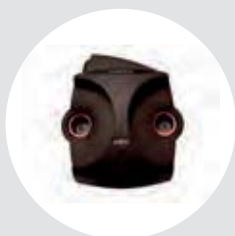


EX PVC belt  
ART NO **T06-2151**



SR 552 EX Harness for SR 500 EX  
ART NO **T06-2002**

## IMPORTANT SPARES



Fan unit EX bare  
ART NO **R06-2001**



SR 501 battery EX 2,1 Ah  
ART NO **R06-2002**



Battery charger EX  
ART NO **R06-2003**



Prefilter holder EX  
ART NO **R06-2023**



Filter adapter  
ART NO **R06-0105**



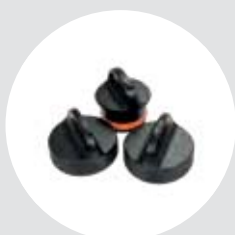
Sealing  
ART NO **R06-0107**



Clip, spring and pin battery  
ART NO **R06-0127**



Belt std EX  
ART NO **R06-2148**



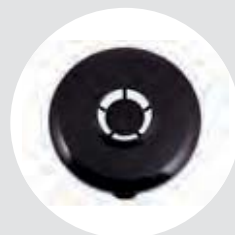
Plug kit for fan units  
ART NO **R06-0703**



Flow meter  
ART NO **R03-0346**



Vaseline  
ART NO **R06-2016**



Prefilter holder  
ART NO **R01-0605**

# SR 540 EX

## FACE SHIELD

ART NO **H06-6012**



EX-class, gas: II 2 G Ex ib IIA T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db

The SR 540 EX face shield together with the SR 500 EX fan has been approved for use in an explosive atmosphere. The breathing hose of the face shield is connected to the fan equipped with filters.

The pressure generated inside the face shield prevents particles and other impurities from being admitted.

The SR 540 EX face shield may also be used together with compressed air attachment SR 507. This combination forms a breathing apparatus designed for continuous air flow, for connection to a compressed air supply. See separate product leaflet SR 507.

The equipment can be used as an alternative to filter protections in all situations in which the latter are recommended. This applies particularly to situations in which the work is intensive, hot or of long duration.

## ACCESSORIES AND IMPORTANT SPARES



SR 545 Visor set  
ART NO **T06-0502**



SR 546 Face seal  
ART NO **T06-0504**



Valve kit for SR 540 EX  
ART NO **R06-2004**



SR 541 hose for SR 540 0,9 m  
ART NO **R06-0501**



Spare visor for SR 540 PC  
ART NO **R06-0502**



SR 544 Sweat band  
ART NO **R06-0504**



Gasket flat for breathing  
hose SR 541  
ART NO **R06-0506**



Spare visor for SR 540 PC  
ART NO **R06-0507**



Sealing for visor SR 540  
ART NO **R06-0508**



Head harness SR 540  
ART NO **R06-0511**



O-ring for hose  
ART NO **R06-0202**

## CHOOSE A SUITABLE FACE PIECE FOR YOUR SR 500 EX

### SR 580 SAFETY HELMET WITH VISOR

ART NO H06-8012

EX-class, gas: II 2 G Ex ib IIA T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db



### SR 561 HOOD

ART NO H06-5012

EX-class, gas: II 2 G Ex ib IIB T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db



### SR 520 HOOD

SR 520 S/M – ART NO H06-0312

SR 520 M/L – ART NO H06-0212

EX-class, gas: II 2 G Ex ib IIB T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db



### SR 562 HOOD

ART NO H06-5112

EX-class, gas: II 2 G Ex ib IIB T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db



### SR 530 HOOD

SR 530 – ART NO H06-0412

EX-class, gas: II 2 G Ex ib IIB T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db



### SR 200 FULL FACE MASK WITH HOSE SR 550 PU / SR 551 RUBBER

SR 200 Full face mask PC ART NO H01-1212

EX-class, gas: II 2 G Ex ib IIA T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db

SR 200 Full face mask glass ART NO H01-1312

EX-class, gas: II 2 G Ex ib IIB T3 Gb

EX-class, dust: II 2 D Ex ib IIIC T195°C Db

SR 550 PU – ART NO T01-1216

SR 551 Rubber – ART NO T01-1218







# ESCAPE HOODS

---

Escape Hoods for evacuation in the event of fire and/or chemical emission accidents.

# ESCAPE HOODS

---

The escape hood is a filtering respiratory protective device for self-rescue in the event of fire and/or chemical emission accident. Sundström Safety's escape hood are available in several variations with different filter combinations depending on expected exposure. The escape hood is based on the SR 100 half mask body in silicone and the hood is made of chemical resistant and flame retardant material which gives you an excellent fit and high comfort. The hood can be put on without any prior adjustment.

The hood is available in two sizes (S/M and M/L) and fits most adults and teenagers. The two exhalation valves and filter combination with low exhalation and inhalation resistance gives minimal strain for the user in a potential psychological and physical environment.

The hood is vacuum packaged in an aluminum bag and is available for both stationary and mobile use in a bag that can be attached to the belt. The durable and vacuum packed aluminum bag gives you a carefree use for 10 years with no need of service or maintenance.

NB: Escape hoods should be used only for escape purposes and not as equipment for carrying out specific tasks. Only for use in environments with sufficient oxygen content in the surrounding air.

Sundström Safety's escape hoods for evacuation in the event of fire and/or chemicals accidents are characterized by:

- The hood is made of chemical resistant and flame retardant material
- Sewn and taped seams
- Two exhalation valves
- Gas filter after expected exposure
- Particle filter with a filtration efficiency more than 99.997%
- Two sizes S/M and M/L
- Mask body SR 100 in silicone gives you maximum protection level and comfort.
- Intergrated head harness gives you quick and simple donning without prior adjustment
- Neck seal in silicone for maximum seal against inward leakage
- 10 years shelf life and no service required
- Large visor with anti-fog treatment

## SR 76-3

### ESCAPE HOOD CHEM

To be used in the event of chemical accidents. Available with all Sundström's gas filters in combination with particle filter SR 510 P3.

SR 76-3 S is approved for stationary storage.

SR 76-3 M is also approved as a portable escape hood.



#### STATIONARY STORAGE

SR 76-3 ABEK1-Hg-P3 S/M	ART NO H15-0312
SR 76-3 ABEK1-Hg-P3 M/L	ART NO H15-0512
SR 76-3 ABE2-P3 S/M	ART NO H15-0712
SR 76-3 ABE2-P3 M/L	ART NO H15-0912
SR 76-3 K2-P3 S/M	ART NO H15-1112
SR 76-3 K2-P3 M/L	ART NO H15-1312

#### PORTABLE WITH BAG

SR 76-3 ABEK1-Hg-P3 S/M	ART NO H15-0412
SR 76-3 ABEK1-Hg-P3 M/L	ART NO H15-0612
SR 76-3 ABE2-P3 S/M	ART NO H15-0812
SR 76-3 ABE2-P3 M/L	ART NO H15-1012
SR 76-3 K2-P3 S/M	ART NO H15-1212
SR 76-3 K2-P3 M/L	ART NO H15-1412



## SR 77-3

### ESCAPE HOOD SMOKE/CHEM

Escape hood SR 77-3 Smoke/Chem to be used in event of fire and/or chemical accidents.

The hood is equipped with a combined filter: gas filter SR 331-2 ABEK1-CO and particle filter SR 510 P3 giving up to 30 minutes protection against CO as well as a particle filter with 99.997% efficiency.

SR 77-3 S is approved for stationary storage.

SR 77-3 M is also approved as a portable escape hood.



#### STATIONARY STORAGE

SR 77-3 ABEK1-CO-P3 S/M	ART NO H15-3212
SR 77-3 ABEK1-CO-P3 M/L	ART NO H15-3412

#### PORTABLE WITH BAG

SR 77-3 ABEK1-CO-P3 S/M	ART NO H15-3312
SR 77-3 ABEK1-CO-P3 M/L	ART NO H15-3512









# THE UNHEALTHY AIR OF THE MINES LED TO THE FIRST RESPIRATORS

---

Mining engineer Ivan Sundström observed that the eyes and lungs of the miners had to be protected and founded Sundström Safety AB back in 1926 for manufacturing of respirators. The company and its products were developed further by his son Per, who also studied art at the Technical Academy (now the College of Art). During his studies, he learnt how to analyse the human anatomy. His understanding of face shapes laid the foundations for developing the design and properties of the respirators.

Good respiratory protection had to be simple and comfortable to use. In 1972, Sundström presented the first modern half mask respirator made of rubber in an anatomical design. The first silicone mask was launched in 1989.

Our aim is to protect people from airborne hazards. It was this concern that prompted Ivan Sundström to begin manufacturing protective respirators. We then carried this task over into the 21st century. That is why we are not content merely to conform to the standard requirements. Our ambitions go considerably further. We aim to assure optimal protection.

Although we are very satisfied with our current products, we continue to make major investments in product development. We now offer a complete system of masks, filters and accessories for all applications on the market and are continuously working on creating products that are as efficient as possible.

When our grandfather Ivan founded his company, he could never have imagined today's export-oriented business. But he would certainly have hoped that the company would continue to exist and remain within the family. And that's how it has been and how we aim to keep it in future. Per Sundström died in December 2004, and the third generation of the family now continues to run the company in the same spirit. Production and product development take place in Lagan in the province of Småland and the main office is located in Lidingö outside Stockholm.

Sundström Safety AB has been certified to ISO 9001 since 1993.

# FILTER RECOMMENDATIONS

Substance	CAS-no	Filter	Note
1, 2-DICHLOROETHANE	107-06-2	A	
2-NITROPROPANE	79-46-9	A	4
2-PROPANOL	67-63-0	A	
ACETALDEHYDE	75-07-0	AX	4
ACETAMIDE	60-35-5	A+P3	1, 4
ACETIC ACID	64-19-7	B	
ACETIC ANHYDRIDE	108-24-7	B	
ACETONE	67-64-1	AX	
ACETYLCHLORIDE	75-36-5	B	
ACETYLENE	74-86-2	COMPR.AIR EQ	
ACROLEIN	107-02-8	AX	3
ACRYLAMIDE	79-06-1	A+P3	1, 4, 5
ACRYLIC ACID	79-10-7	B	
ACRYLONITRILE	107-13-1	A	4
ADIPIC ACID	124-04-9	P3	
ALIPHATIC NAPHTHA	8052-41-3	A	
ALLYL ALCOHOL	107-18-6	A	3
ALLYL CHLORIDE	107-05-1	AX	5
ALLYLAMINE	107-11-9	K	5
ALUMINIUM CHLORIDE	7446-70-0	B+P3	1
ALUMINIUM OXIDE	1344-28-1	P3	
AMMONIA	7664-41-7	K	
AMYL ACETATE	628-63-7	A	
ANILINE	62-53-3	K	4, 5
ANTIFOULING PAINTS		A+P3	1
ANTIMONY	7440-36-0	P3	
ANTIMONY HYDRIDE	7803-52-3	B	
AROMATIC NAPHTHA		A	
ARSENIC (NOT ARSINE)	7440-38-2	P3	
ARSINE	7784-42-1	B	
BARIUM	7440-39-3	P3	
BENZALDEHYDE	100-52-7	A	
BENZENE	71-43-2	A	4
BENZOTRIAZOLE	95-14-7	A+P3	1
BENZOYL CHLORIDE	98-88-4	B	
BENZYL ALCOHOL	100-51-6	A	
BENZYL CHLORIDE	100-44-7	B	3, 4
BERYLLIUM	7440-41-7	P3	4, 6
BIPHENYL	92-52-4	A+P3	1
BROMINE	7726-95-6	B	
BUTYL ACETATE	123-86-4	A	
BUTYL ALCOHOL	71-36-3	A	
BUTYR ALDEHYDE	123-72-8	A	
CADMIUM	7440-43-9	P3	4
CALCIUM OXIDE	1305-78-8	P3	
CARBON DIOXIDE	124-38-9	COMPR.AIR EQ	
CARBON DISULPHIDE	75-15-0	AX	5
CARBON MONOXIDE	630-08-0	COMPR.AIR EQ	
CARBONTETRACHLORIDE	56-23-5	A	4

Compressed air equipment can always be used instead of a filter respirator. It should always be used if the gas concentrations are in excess of 0.5% by volume. Should be used for physically strenuous or long-duration work.

Substance	CAS-no	Filter	Note
CHLORATE		P3	
CHLORINE	7782-50-5	B	
CHLORINE DIOXIDE	10049-04-4	B	
CHLOROFORM	67-66-3	AX	4
CHLOROPRENE	126-99-8	AX	4
CHROMIC ACID	1333-82-0	P3	4, 6
COBALT (DUST AND SMOKE)	7440-48-4	P3	6
CRESOL	1319-77-3	A+P3	1
CUMENE	98-82-8	A	5
CUPPER	7440-50-8	P3	
COTTON DUST		P3	
CYANIDE (AS CN)	57-12-5	B+P3	1, 3
CYCLOHEXANOL	108-93-0	A+P3	1
CYCLOHEXANONE	108-94-1	A	
DIACETONE ALCOHOL	123-42-2	A	3
DIGLYCIDYL ETHER	2238-07-5	A	3, 6
DIMETHYL SULPHATE	77-78-1	A	3, 4, 5
DIMETHYLFORMAMIDE	68-12-2	A	4, 5
DIOXANE	123-91-1	A	4, 5
DUST, INERT		P3	
EDTA	60-00-4	P3	
EPICHLOROHYDRIN	106-89-8	A	4, 5, 6
ETHANOL	64-17-5	A	
ETHYL ACETATE	141-78-6	A	
ETHYL ACRYLATE	140-88-5	A	4, 5, 6
ETHYL BROMIDE	74-96-4	AX	3
ETHYL CHLORIDE	75-00-3	AX	4
ETHYL ETHER	60-29-7	AX	
ETHYLENE GLYCOL	107-21-1	A	
ETHYLENE OXIDE	75-21-8	AX	4, 5
ETHYLENEDIAMINE	107-15-3	K	3, 6
FERROUS CHLORIDE		BE+P3	1
FERROUS OXIDE (SMOKE)	1309-37-1	P3	
FLUOR	7782-41-4	B	
FLUORIDE (AS F)		P3	
FLUOROSILICIC ACID	16961-83-4	B+P3	1
FORMALDEHYDE	50-00-0	B	4, 5, 6
FORMIC ACID	64-18-6	E	
FREON 113	76-13-1	COMPR.AIR EQ	
FURFURAL	98-01-1	A	
GLUTARALDEHYDE	111-30-8	A	6
GLYCOLMONOBUTYL ETHER	111-76-2	A	5
GLYCOLMONOMETHYL ETHER	109-86-4	A	5
HYDRAZINE	302-01-2	K	3, 4, 5, 6
HYDROCHLORIC ACID	7647-01-0	B	
HYDROFLUORIC ACID	7664-39-3	B+P3	1
HYDROGEN CYANIDE	74-90-8	B	3, 5
HYDROGEN PEROXIDE	7722-84-1	COMPR.AIR EQ	
HYDROGEN SELENIDE	7783-07-5	B	3

N.B. Compressed-air supplied equipment should not be used where there is danger of loss of consciousness or asphyxiation. Advice concerning the selection of filters and the method of use can always be obtained directly from Sundström Safety AB.

Substance	CAS-no	Filter	Note
HYDROGEN SULPHIDE	7783-06-4	B	
HYDROGENE	1333-74-0	COMPR.AIR EQ	
HYDROQUINONE	123-31-9	P3	4, 6
IODINE	7553-56-2	P3	3
ISOPHORONE	78-59-1	A	
ISOPROPHYL ALCOHOL	67-63-0	A	
LEAD (SMOKE AND DUST)	7439-92-1	P3	
MALEIC ANHYDRIDE	108-31-6	B+P3	1, 6
MANGAN	7439-96-5	P3	
MDI	101-68-8	B+P3	1, 6
MEK	78-93-3	A	5
MELAMINE	108-78-1	COMPR.AIR EQ	
MERCURY (VAPOUR)	7439-97-6	HG-P3	2, 5, 6
METHYL ACRYLATE	96-33-3	A	5, 6
METHYL ALCOHOL	67-56-1	AX	5
METHYL BROMIDE	74-83-9	AX	3, 5
METHYL CHLORIDE	74-87-3	AX	4
METHYL ETHYL KETONE (MEK)	78-93-3	A	5
METHYL IODIDE	74-88-4	AX	4, 5
METHYL ISOBUTYLKETONE (MIBK)	108-10-1	A	3, 5
METHYL METHACRYLATE	80-62-6	A	5, 6
METHYLAMINE	74-89-5	K	
METHYLCHLOROFORM	71-55-6	A	
METHYLENE CHLORIDE	75-09-2	AX	4
MIBK	108-10-1	A	3, 5
MONOMETHYLAMINE	74-89-5	K	
MORPHOLINE	110-91-8	A	5
NICKEL CARBONYL	13463-39-3	COMPR.AIR EQ	4, 5
NICKEL, METAL	7440-02-0	P3	4, 6
NITRIC ACID	7697-37-2	B	
NITROBENZENE	98-95-3	A	5
NITROGEN	7727-37-9	COMPR.AIR EQ	
NITROGEN DIOXIDE	10102-44-0	COMPR.AIR EQ	
NITROGEN OXIDE	10102-43-9	COMPR.AIR EQ	
NITROGLYCERINE	55-63-0	A	5
NITROGLYCOL	628-96-6	A	5
NITROUS GAS		COMPR.AIR EQ	
NITROUS OXIDE	10024-97-2	COMPR.AIR EQ	
OCTANE	111-65-9	A	
ORGANIC PEROXIDES		A+P3	1
OXALIC ACID	144-62-7	P3	
OZONE	10028-15-6	B	
P-PHENYLENEDIAMINE	106-50-3	P3	3, 6
PCB		A+P3	1, 4, 5
PENTACHLOROPHENOL	87-86-5	P3	4, 5
PERCHLORIC ACID	7601-90-3	BE	
PERCHLOROETHYLENE	127-18-4	A	4, 5
PETROL	86290-81-5	AX	
PHENOL	108-95-2	B+P3	1, 5

Pre-filter SR 221 should always be used. N.B. This pre-filter can never replace particle filter SR 510 P3 R.

These recommendations are derived from a number of different sources and they follow the current Swedish regulation. Note that there can be national differences in the regulations for use of respiratory protective equipment.

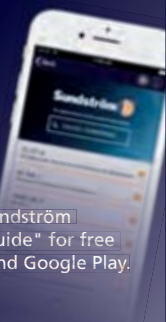
Substance	CAS-no	Filter	Note
PHOSGENE	75-44-5	B	
PHOSPHINE	7803-51-2	B	
PHOSPHORIC ACID (MIST)	7664-38-2	BE+P3	1
PHTHALIC ANHYDRIDE	85-44-9	P3	6
PIPERAZINE	110-85-0	K+P3	1, 6
PIPERIDINE	110-89-4	K	
POTASSIUM HYDROXIDE	1310-58-3	P3	
POTASSIUM PERMANGANATE	7722-64-7	P3	
PROPINOIC ACID	79-09-4	B	
PYRIDINE	110-86-1	A	
SELENIUM	7782-49-2	P3	
SELENIUM SULPHIDE	7782-49-2	P3	4
SILICON DIOXIDE	14464-46-1	P3	4
SILVER NITRATE	7761-88-8	P3	
SODIUM CARBONATE	497-19-8	P3	
SODIUM FLUORIDE	7681-49-4	P3	
SODIUM HYDROXIDE	1310-73-2	P3	
SODIUM HYPOCHLORITE	7681-52-9	B+P3	1
SODIUM PERBORATE	10486-00-7	P3	
SODIUM SILICATE	6834-92-0	P3	3
STYRENE	100-42-5	A	5
SULFAMIC ACID	5329-14-6	B+P3	1
SULFUR DIOXIDE	7446-09-5	E	
SULPHURIC ACID (MIST)	7664-93-9	E+P3	1
TDI	91-08-7	COMPR.AIR EQ	4, 6
TERPENTINE (OIL)	8006-64-2	A	5, 6
TETRACHLOROETHYLENE	127-18-4	A	5, 6
TETRAETHYL LEAD	78-00-2	A+P3	1, 5
TETRAHYDROFURAN	109-99-9	A	
TETRAMETHYL LEAD	75-74-1	A+P3	1, 5
TOLUENE	108-88-3	A	5
TRIBUTYL PHOSPHATE	126-73-8	A	
TRICHLOROETHANE	71-55-6	A	
TRICHLOROETHYLENE	79-01-6	A	4
TRIDYMIT (SILICON DIOXIDE)	15468-32-3	P3	
TRIMETHYLBENZENE	526-73-8	A	
TRISODIUM PHOSPHATE	7601-54-9	P3	
VANADIUM OXIDE (DUST)	1314-62-1	P3	
VINYL ACETATE	108-05-4	A	
VINYL CHLORIDE	75-01-4	AX	4, 5
VINYL TOULENE	25013-15-4	A	
VINYLDENE CHLORIDE	75-35-4	AX	
WHITE SPIRIT	8052-41-3	A	
XYLENE	1330-20-7	A	5
ZINC CHLORIDE (SMOKE)	7646-85-7	P3	
ZINC OXIDE (SMOKE)	1314-13-2	P3	

#### NOTES:

1. Combinations of filters shall be used.
2. Combination filter SR 299-2 ABEK1 Hg P3 R and SR 599 A1BE2K1 Hg P3 R. Type Hg- maximum use time 50 hours.
3. Full face mask should be used.
4. Carcinogenic
5. Skin adsorbing
6. Regarded as a sensitizer

**A FILTER GUIDE IN YOUR HANDS.**

Download "Sundström Safety Filter Guide" for free on Appstore and Google Play.





**SUNDSTRÖM SAFETY AB**

---

Västergatan 4  
341 50 Lagan  
Sweden  
Telephone: +46 10 484 87 00

[srsafety.com](http://srsafety.com)