

# Product leaflet

**Product**  
Full face mask

**Model No.**  
SR 200, PC visor  
SR 200, glass visor

**Ordering No.**  
H01-1212  
H01-1312

## Product Description

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. The spherical visor of the mask is made of scratch-resistant polycarbonate, which provides a large 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, carrier strap and test disc for simple face-fit test are included.

The SR 200 full face masks together with the SR 500 EX fan are approved for use in a potentially explosive atmosphere (ATEX Directive 94/9/EC).

## Technical specification

|   | SR 200  | EN 136:1998, EN 166:1995, EN 148-1:1999   |  |
|---|---|---|--|
| <b>Protection factor <sup>1)</sup></b>              | 40  | -   |  |
| Inhalation resistance at 30 l/min                   | ≈ 10 Pa   | ≤ 50 Pa   |  |
| Exhalation resistance at 160 l/min                  | ≈ 56 Pa   | ≤ 300 Pa  |  |
| Service temperature                                 | -10 – +55 °C, < 90 % RH   | -   |  |
| Storage temperature                                 | -20 – +40 °C, < 90 % RH   | -   |  |
| Weight  | ≈ 450 g   | -   |  |
| Impact test with 6 mm dia. steel ball against visor | 120 m/s   | 120 m/s   |  |
| Standard thread connection                          | 40 x 1/7"   | 40 x 1/7"   |  |
| <b>Approvals</b>                                    | <b>Directive</b><br>PPE 89/686/EEC<br>ATEX 94/9/EC<br><br>IECEX<br><br>EMC 89/336/EEC | <b>Standards</b><br>EN 136:1998<br>EN 60079-0:2004, EN 60079-11:2007,<br>EN 61241-0:2006, EN 61241-11:2006,<br>EN 13463-1:2001<br>IEC 60079-0:2004, IEC 60079-11:2006,<br>IEC 61241-0:2004, IEC 61241-11:2005<br>EN 61000-6-2 | <b>Classification/markings</b><br>Class 3 <sup>2)</sup> , Class 2 <sup>3)</sup><br>Ex II 2 G Ex ib IIA T3 <sup>4)</sup><br>Ex II 2 G Ex ib IIB T3 <sup>5)</sup><br>Ex II 2 D Ex ibD 21 T195°C <sup>6)</sup><br>Ex ib IIA T3 <sup>4)</sup> , Ex ib IIB T3 <sup>5)</sup><br>Ex ibD 21 T195°C <sup>6)</sup> |

1) Specified in BS 4275 and applies to all approved full-face masks with particulate filter P3, regardless of the test results.

2) Applies to H01-1212 with PC visor.

3) Applies to H01-1312 with glass visor.

4) Applies to H01-1212 with PC visor together with SR 500 EX fan.

5) Applies to H01-1312 with glass visor together with SR 500 EX fan.

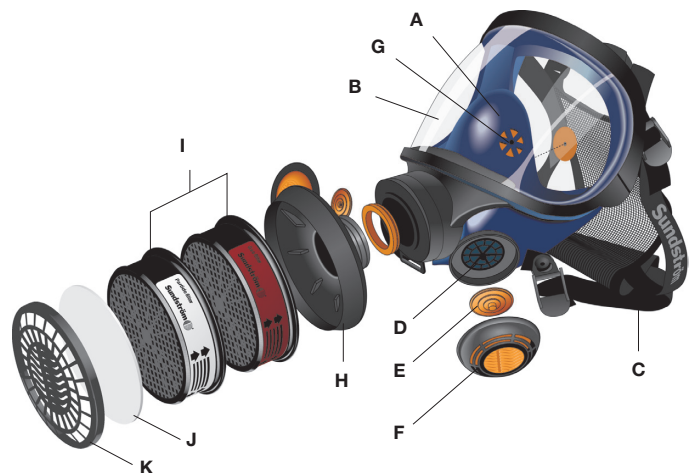
6) Applies to all SR 200 models together with SR 500 EX fan.

### Key to ATEX marking

|               |   |
|---------------|---|
| <b>Ex</b>     | Explosive area symbol.  |
| <b>II</b>     | Equipment group (explosive atmospheres other than mines).       |
| <b>2 G</b>    | Equipment category (2= high protection level, zone 1. G=gas).   |
| <b>2 D</b>    | Equipment category (2= high protection level, zone 21. D=dust). |
| <b>Ex</b>     | Explosion protected.  |
| <b>ib/ibD</b> | Type of ignition protection (Intrinsic safety).                 |
| <b>IIA</b>    | Explosion group Propane.  |
| <b>IIB</b>    | Explosion group Ethylene.                                       |
| <b>21</b>     | Zone with combustible dust.                                     |
| <b>T3</b>     | Temperature class, gas (+200 °C max. surface temperature).      |
| <b>T195°C</b> | Temperature class, dust (+195 °C max. surface temperature).     |

### Key to IECEX marking

|               |   |
|---------------|---|
| <b>Ex</b>     | Explosion protected.  |
| <b>ib/ibD</b> | Type of ignition protection (Intrinsic safety).                 |
| <b>IIA</b>    | Explosion group Propane.  |
| <b>IIB</b>    | Explosion group Ethylene.                                       |
| <b>21</b>     | Zone with combustible 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>A.</b> Mask body             | <b>G.</b> Inhalation valve          |
| <b>B.</b> Visor, PC or glass    | <b>H.</b> Adapter                   |
| <b>C.</b> Head harness          | <b>I.</b> Filters (not included)    |
| <b>D.</b> Exhalation valve seat | <b>J.</b> Pre-filter (not included) |
| <b>E.</b> Exhalation membrane   | <b>K.</b> Pre-filter holder         |
| <b>F.</b> Protective cap        |                                     |



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