

# INSTRUCTION MANUAL FOR SUNDSTRÖM FILTERS



## Attachment

1. Check that you are using the correct filter/combination filter, and that the use by date has not expired
2. Attach the filter so that the arrows on the filter(s) point towards your face
3. Place the pre-filter in the pre-filter holder and press it onto the main filter. In situations requiring both gas and particle protection, combine the particle filter with a suitable gas filter. See figure below. The arrows on the particle filter shall point towards the gas filter.



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## Filter Replacement

**The SR 510 particle filter** is a mechanical filter that, unlike electrostatic filters, becomes more efficient the longer it is used. Change the filter after 2-4 weeks or earlier if the breathing becomes uncomfortable.

**Gas filters/combination filters** have a limited life span which cannot be determined without previous analysis of the work environment. In cases where such analysis is unavailable. It is recommended that the filter be replaced weekly, or more frequently if you can smell or taste the contaminations through the filter, or if irritation occurs.

Filter with visible damage shall be replaced immediately. Pre-filter's should always be used and should be replaced often.

## Storage

- A filter in unopened packaging can be stored at a temperature between -20°C and + 55°C at an ambient relative humidity below 90%
- An opened filter is best stored in a clean and dry place at room temperature, e.g. in a plastic bag
- The operating temperature is between -10°C and + 55°C

## Warnings

- Do not use filter protection where there may be a deficiency of oxygen
- Do not use class 1 filters in highly toxic atmospheres. Refer to AS/NZS 1715-1994
- Gas filters are effective against gases/vapours only. Particle filters are effective against particles only (such as dust, mist, smoke). If both types of contamination are present (i.e. while spray painting), a particle filter should be used in conjunction with the gas filter
- Filter protection should not be used against unknown contaminants
- Filter protection should not be used against contaminants that are immediately Dangerous to Life and Health (DLH)
- If you can smell or taste contaminants through the filter, or if you experience respiratory irritation, dizziness, nausea or similar discomfort, discontinue work and leave the area immediately. Inspect the respiratory thoroughly together with your safety officer, ensuring perfect fit and proper performance. Replace any damaged parts. Further, check that the use by date has not expired, and that the protection factor of the equipment is adequate for the concentration and TLV of the contaminant

- The pre-filter is only a pre-filter and cannot be used as a substitute for particle filters
- Never tamper with respirators or filters