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SR100 Heatshield SR100-HC

Face protection in hot environments with the Sundström SR100 respirator



User Instructions

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SR100 Heatshield SR100-HC

The SR100 Heatshield (model no. SR100-HC) is a fire-resistant garment designed for use with the Sundström SR100 half facepiece air-filtering respirator to provide additional face and neck protection against flame, sparks and radiant heat.

The Heatshield is made from breathable and comfortable INDURA® Ultra Soft® fabric consisting of 88% cotton / 12% high-tenacity nylon. The fabric is UL certified to NFPA 1977.

For correct use of the SR100 respirator in hazardous environments, refer to the user instructions for the SR100 and Sundström filters.

Limitations on use

- The SR100 Heatshield is not a respirator. When used correctly it does not affect the level of respiratory protection afforded by the respirator. For information on the limitations of the respirator, refer to the user instructions for the SR100 and Sundström filters.
- The respirator and Heatshield cannot provide protection against injury due to the inhalation of hot air, nor protect against the effects of carbon monoxide, oxygen deficiency, or hazards that are immediately dangerous to life and health (IDLH).
- The Heatshield is not guaranteed to prevent burns in fire situations. However it may significantly reduce the risk of burns due to flame, sparks and radiant heat only to those areas of the body it covers. The risks should be assessed before entering a fire zone. Do not use the Heatshield to advance further into a fire.
- If you experience symptoms of heat stress, leave the fire zone immediately.

Garment care

Industrial or domestic machine wash or dry clean. Warm tumble dry. Do not use bleaches or soaps.

Fitting

Fit the SR100 Heatshield to the SR100 as follows:

1. Release the two hook-and-loop fastening tabs at the front of the Heatshield (Fig. 1)
2. Fit the Heatshield over the front of the respirator, inserting the filter and exhalation valves through the holes provided in the Heatshield
3. Pass the tabs around the exhalation valves and secure, ensuring the Heatshield fits snugly behind the exhalation valves without obstructing air flow from the valves (Fig. 2)
4. Don the SR100 in accordance with its user instructions
5. Pass the sides of the Heatshield around to the back of the neck and secure them together with the hook-and-loop fastener (Fig. 3)
6. Check that the Heatshield is not interfering with the face fit of the SR100
7. Adjust the Heatshield to overlap with clothing in order to eliminate gaps

Note: always use the Sundström SR336 spark arrester to protect the filter during firefighting.

Removing

Release the Heatshield simply by grasping and pulling the tab behind the neck to release the hook-and-loop fastener. The procedure for removing the respirator and Heatshield is the reverse of the fitting procedure.

