



Optrel Softhood Short User Manual

[Home](#) » [optrel](#) » Optrel Softhood Short User Manual 

Optrel Softhood Short User Manual



softhood short



softhood long



Quickstart Guide

S O F T H O O D

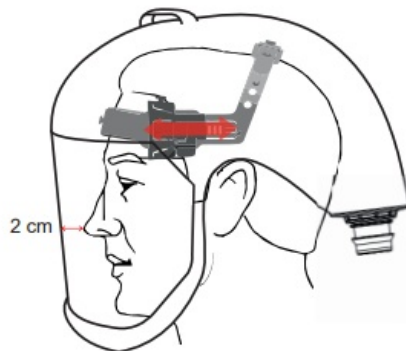
1



2



3



Important

For your own safety please read and remember the following instructions before use. If you have any questions, please contact the manufacturer or your distributor. Keep the manual for future reference.

Contents

- 1 Introduction
- 2 Limitations on use
- 3 Cleaning and disinfection
- 4 Materials
- 5 Storage and shelf life
- 6 Warranty
- 7 List of products and spare parts
- 8 Approved combinations
- 9 Compliance with following standards
- 10 Documents / Resources
 - 10.1 References
- 11 Related Posts

Introduction

Softhood is a personal respiratory protection system based on the principle of creating an overpressure of filtered air in the breathing zone. The e3000X respirator filters the air extracted from the environment and then releases it into the protective hood. The overpressure prevents contaminants from entering the breathing zone. This mild overpressure ensures the wearer's comfort, even with long-term use. Breathing remains easy because the user does not have to overcome the resistance of the filter. The head piece can also be used with the supplied air, which operates on the principle of supplying air from locations with clean air.

All softhoods in this user manual provide respiratory protection (in combination with e3000x or supplied air) and face protection against high velocity particles and low energy impact. In addition, the softhood also provides chemical resistance. The material of softhood is resistant to acids, alkalis, and organic substances.

If not sure about the suitability of the hood for a specific application, consult with the manufacturer or your supplier!

Limitations on use

1. Never use the hood in the following environments and under the following conditions:
 - If oxygen concentration in the environment is lower than 17 %.
 - In oxygen-enriched environments.
 - In environments where the user lacks knowledge about the type of dangerous substances and their concentration.
 - In environments that represent an immediate danger to life and health.
2. If the protection foil is damaged, replace it immediately.
3. The hood does not protect against hard shocks, explosions or corrosive substances.
4. Move to a secure location and take appropriate measures when any of the following problems occur while using the hood:
 - If you feel a significant increase in breathing resistance or any other problems with breathing.
 - If you experience stench, irritation or an unpleasant taste while breathing.
 - If you feel unwell or experience nausea.
5. Use certified original filters designed for your powered air purifying respirator only. Replace filters every time you detect the change of odour in supplied air from the respirator. \
6. Filters designed for capturing solid and liquid particles (particle filters) do not protect the user against any gases. Filters designed for capturing gases do not protect the user against any particles. In the workplace

contaminated with both particles and gases, combined filters must be used.

7. The material of the hood can cause allergic reactions to sensitive persons.
8. Pay attention to check the product before use. Do not use, if any part of the system is damaged.
9. Don't put the hood on a hot surface.
10. This product is intended for use in environments with a temperature range of 0 °C to + 60 °C with relative humidity of 20 – 95 % Rh.

The lifetime of the hood and visors is influenced by many factors such as cold, heat, chemicals, sunlight or incorrect use. The hood should be checked on a daily basis of possible damage of its inside or outside the structure. Careful use and correct maintenance of the protective hood enhances= operating life and improves your safety

Checking before use:

Inspect that every part of the hood is undamaged and installed correctly.

Cleaning and disinfection

- After each work shift, clean the head section, inspect each part, and replace any parts that are damaged.
- Cleaning must be done in a room with adequate ventilation. Avoid inhaling harmful impurities that have settled on the individual parts!
- To clean, use lukewarm water with soap or another non-abrasive detergent and a soft brush (it is not recommended to use other detergents or solvents).
- After cleaning individual parts with a damp cloth, you must rub them dry or leave them to dry at room temperature.
- Cleaning with acetone or other solvents can damage the product and lose its protection.
- For disinfection, disinfect with a clean, soft cloth and disinfectant solution (for example a 1% chlorine solution with 10,000 ppm available chlorine). Alternatively, a combined detergent / disinfectant can be used.

Visor protective foils

Hoods are supplied with a foil protecting the visor against damage during handling and transport. The foil is sewn in the hood and it must be removed carefully.

A separately supplied foil 0,1 mm thick is designated to protect the shields of these hoods after= the removal of original foil. To attach it to the shield, the foil is provided with self-adhesive tapes on the sides.

Protective foil replacement:

- Peel off the old foil, wipe the hood visor with a damp cloth to remove the impurities from it.
- Remove the protective paper from the self-adhesive tape and stick the foil on the shield.

Headband adjustments

1. Set the depth of the headgear by resetting the top headband. The ideal position of the headgear is where the sweatband sits\ slightly above the level of the eyebrows.

2. Set the headgear so that it fits firmly on your head:
 - By turning the rear wheel.
 - Basic headgear: resetting the front headband.
3. Set the optimal distance between the nose and visor to 2 cm. Reset the position of the rails on both sides of the headgear (see the pictorial annex on the end of the manual).

Materials

Part	Product	Material
Hood	softhood short	Microporous polypropylene
	softhood short/long	Nylon
Visor	softhood short	Polyethylene terephthalate (PET)
	softhood short/long	Cellulose propionate

Storage and shelf life

Store the hood in a dry and clean place at room temperature, avoid direct sunlight (temperature range from -10 °C to +55 °C) with a relative humidity between 20 and 95 % Rh).

Warranty

The warranty ensures that you will receive a replacement if a product has any manufacturing or material defects that appear within 12 months of the date of purchase. The warranty claim must be reported to the sales department/retailer. At the same time, proof of purchase must be submitted (i.e. an invoice or certificate of delivery). The warranty can only be acknowledged if no interventions into the hood have been made

List of products and spare parts

Table 1: Product name and product code

Product Code	Product description
4900.040	softhood, short, black
4900.050	softhood, long, black
4900.041	softhood, short, gray
4900.051	softhood, long, gray
4900.042	softhood, short, white
4900.052	softhood, long, white

Table 2: List of spare parts

Product code	Product description
5003.210	Headband for softhood
5004.020	Sweatband for softhood – pack of 2 pcs
5000.100	Tear off foil for softhood – 10 pcs

Approved combinations

Product code	Product description	Level of protection
4553.000	e3000x	TH3
4090.000	suppliedair	3A

Compliance with following standards

EN12941 (TH3 in combination with e3000X)

EN14594 (Class 3A in combination with supplied air)
EN166

Declaration of conformity:
See the Internet address on the last page.

Legal information:
This document complies with the requirements of EU Regulation 2016/425 section 1.4 of Annex II.

Notified body:

ANSI Z87

Notified body

Occupational Safety

Research Institute
Jeruzalémská 1283/9
CZ-110 00 Praha 1
Czech Republic

phone: +41 (0)71 987 42 00

fax: +41 (0)71 987 42 99

www.optrel.com

visit our homepage

<http://www.optrel.com/>




declaration of conformity

<https://industrial.optrel.com/de/service/>

kundenservice/downloads



Documents / Resources

	<p>Optrel Softhood Short [pdf] User Manual Softhood Short, Short</p>
---	--

References

- [helix](#)
- [Anfahrt / Kontakt](#)

