SOFTHOOD SERIES

Fresh Air for Dusty Environments.

optrel®
swiss made

SEE WHAT YOU CAN DO

Ultra-lightweight. Extremely versatile. The softhood protective hoods from optrel.

The optrel respiratory protection softhood is based on the principle of overpressure relative to the environment and prevents contaminated air from entering the respiratory tract. It protects against dust and spray mist during various non-toxic operations and is optimal for use in manufacturing, woodworking, food and pharmaceutical production, mining or agriculture.

Made of ultra-lightweight nylon fabric, the headgear fits quickly and easily to all head sizes thanks to the comfortable elastic band. This makes it very comfortable to wear even over long periods of time. Its wide panoramic visor with anti-fog coating ensures an unrestricted view of the work at all times.

The optrel softhood is available in both a short and a long version. The short softhood is ideal when the focus is on acoustic perception, while the long version additionally covers the entire neck and shoulder area in case of increased dust exposure.

Both versions are used with optrel's respiratory protection systems, depending on the application: the optrel e3000X blower respiratory protection system or the optrel suppliedair compressed air system.

Perfect in combination with optrel's innovative filter and compressed air systems.

TH3
certified

Respiratory protection of the highest class. 99.8% clean air.

The e3000X respiratory protection system - together with the optrel softhoods - reliably protects you from particles such as smoke, aerosols, dust and even viruses. At the same time the blower produces a cooling effect.

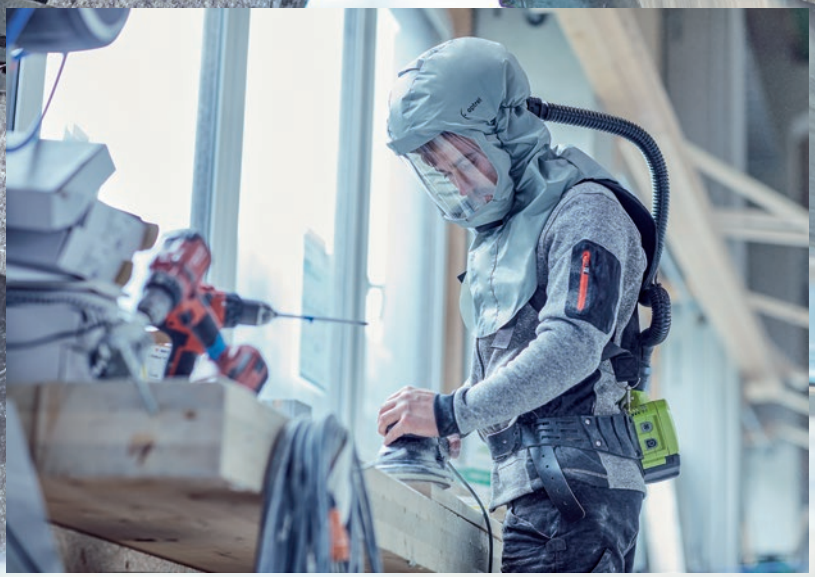
In addition, the mountain breeze odor filter guards against unpleasant odors and harmful ozone, and in environments with harmful or even toxic gases, the A1B1E1 gas filter insert reliably keeps out organic, inorganic and acidic gases.

- Superior, ultra-lightweight respiratory protection
- Versatile, even in toxic environments thanks to optional A1B1E1 gas filter
- Wide visor with anti-fog coating
- Individual headgear customization (adjustable circumference and distance from the visor)
- Comfortable to wear thanks to generous cut and lightweight, durable material
- No masks Fit test required
- Can be used with facial hair or beards

Wood working

During wood processing, fine wood dust can enter the sinuses or lungs, irritate the respiratory tract and cause allergies. **optrel softhoods** not only protect your airways, but also your eyes, as the hoods are worn over the entire head.

Together with the e3000X, the respiratory protection system also filters out elements such as tannic acids, unsaturated aldehydes or molds, which also pose a health risk during wood processing. Thanks to the additionally available A1B1E1 gas filter, secondary substances such as varnishes, stains or paints are simply filtered out.



Painting

In addition to particles, organic gases and vapors also emerge during paintwork. Therefore, the painter should use masks with a high protection level and filters for organic gases and vapors. The softhood in combination with the e3000X offers just that: Protection level TH3 and an A1B1E1 gas filter.

In addition to respiratory protection, the **optrel softhood** also provides head, face and eye protection. With the long softhood version, even the shoulder area is spared from the spray mist.

Under the protective hood, a breathing space is created that helps you breathe thanks to positive pressure and eliminates tiring breathing resistance.

Agriculture
Viticulture
Vegetable and fruit farming

The **optrel softhood** provides protection not only during mixing, but especially during application of pesticides. It protects not only the respiratory tract (with A1B1E1 filter) but also the eyes and face from the spray mist. Its lightweight design makes it comfortable to wear all day.

Suitable respiratory protection is essential, especially when handling pesticides. The **softhood** protects against hazards that can be caused by disinfectants, solvents and pesticides.

Demolition works
Building works

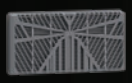
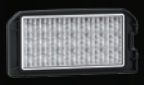
During demolition and renovation works, substances that are harmful to the respiratory tract may be released. It is not always known which insulation and damping materials have been used. The **optrel softhood** provides all-around respiratory protection that also protects the eyes and face from the fine dust.

In combination with the e3000X, no matter how much dust there is, you will always be supplied with fresh air. The slight positive pressure supports breathing and eliminates tiring breathing resistance.

Technical data and ordering information

	optrel softhood short	optrel softhood long
Description	Protective hood short with fresh air supply	Protective hood long with fresh air supply
Material	Screen: Cellulose propionate Textile part: Nylon Headband: Polypropylene	Screen: Cellulose propionate Textile part: Nylon Headband: Polypropylene
Storage temperature	– 10 °C up to + 55 °C	– 10 °C up to + 55 °C
Operating temperature	0 °C up to + 60 °C	0 °C up to + 60 °C
Dimensions	280 x 210 x 270 mm	550 x 210 x 270 mm
Weight	150 g	240 g
Classification and standards	EN 12941 (TH3 with e3000X) EN 14594 (Class 3A with suppliedair) EN 166	EN 12941 (TH3 with e3000X) EN 14594 (Class 3A with suppliedair) EN 166

Schutzhaube	Item no.
optrel softhood short protective hood with fresh air connection, black	4900.040
optrel softhood short protective hood with fresh air connection, gray	4900.041
optrel softhood short protective hood with fresh air connection, white	4900.042
optrel softhood long protective hood with fresh air connection and chest/shoulder protection, black	4900.050
optrel softhood long protective hood with fresh air connection and chest/shoulder protection, gray	4900.051
optrel softhood long protective hood with fresh air connection and chest/shoulder protection, white	4900.052
Sweatband	5004.020
Tear-off film for optrel softhood	5000.100

Accessories	Item no.
e3000X PAPR system with 18h power battery, parking buddy and bag	4553.100
Sealing Kit - Seal for e3000X	4551.023
A1B1E1 gas filter	4088.700
 TH3 particle master-filter	4088.200
Pre-filter (50 pcs.)	4088.101
 mountain breeze Odor and ozone filter Starter Kit Replacement filter	 4088.103 4088.104
Shoulder carrying unit for e3000X PAPR system	4551.040

optrel AG
industriestrasse 2
CH-9630 wattwil
switzerland
www.optrel.com
info@optrel.com

industrial.optrel.com

Art. no. 9412.096.01