



INSTRUCTION BOOKLET

FULL-FACE MASK

Donning, Doffing & Maintenance



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1. SAFETY REGULATIONS

1.1. Correct Use

Series 3S Full Face Mask with positive pressure connection according to EN 148-3 or special manufacturer type are not complete respiratory protective devices by themselves, but serve as facepieces [EN 136 CL3+] for use with respiratory filters, compressed air breathing apparatus, fresh air hose breathing apparatus and compressed air line breathing apparatus.

It is imperative that this operating manual be read and observed when using the product. In particular, the safety instructions, as well as the information for the use and operation of the product, must be carefully read and observed. Furthermore, the national regulations applicable in the user's country must be taken into account for a safe use.

 Danger!	<ol style="list-style-type: none"> 1. This product is supporting life and health. Inappropriate use, maintenance or servicing may affect the function of the device and thereby seriously compromise the user's life. 2. Before use the product operability must be verified. The product must not be used if the function test is unsuccessful, it is damaged, a competent servicing/ maintenance has not been made, genuine MSA spare parts have not been used.
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Alternative use, or use outside this specification will be considered as non-compliance. This also applies especially to unauthorised alterations to the product and to commissioning work that has not been carried out by MSA or authorised persons.

1.2. Liability Information

Chlorine Tech Services accepts no liability in cases where the product has been used inappropriately or not as intended. The selection and use of the product are the exclusive responsibility of the individual operator.

2. DESCRIPTION

The face blank is made of a special soft rubber compound and assures a snug, comfortable fit and a tight seal. Some versions of the mask are also available in small size.


The inhalation air flows from the connector of the mask past the inhalation valve to the inside of the lens [thus keeping the lens largely fog-free] and then through the check valves into the nose cup.

The exhalation air passes through the exhalation valve directly to the ambient air.


3. USE

The mask is either carried using the harness in front of the chest or in the mask container.



In order to protect the inside of the mask from dirt, the harness hook is engaged in the front buckle when the mask is held in front of the chest.

 Attention!	<ol style="list-style-type: none"> 1. Ensure that the top of the mask seal only lies on the user's forehead. Hair should not be between the mask's seal and the user's skin. 2. The mask could otherwise leak. This danger also exists for instance for mask wearers with beards or deep scars in the sealing area.
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4. DONNING THE MASK

 Attention!	<p>In order to guarantee a proper fit for those wearing glasses, the Full-face Mask spectacle kit must be worn since ordinary glasses cannot be worn under the mask.</p>
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	<p>Step 1 Loosen the straps as far as they will go. Place the carrying strap, if present, around your neck.</p>
	<p>Step 2 First, place your chin in the chin pocket of the mask.</p>
	<p>Step 3 Place the harness over the head and pull back until the front strap sits tight. Straighten the mask.</p>
	<p>Step 4 Pull the neck straps back evenly to tighten them.</p>
	<p>Step 5 Pull the temple neck straps back evenly to tighten them.</p>


	<p>Step 6</p> <p>If necessary, tighten the top strap as well</p>
	<p>Step 7</p> <p><u>Check the seal:</u> Close the front port of the mask with the palm of your hand and inhale until a negative pressure is generated. Hold your breath for a moment. The negative pressure should persist. Otherwise, tighten the straps further. Exhaled air must escape through the exhalation valve. Only use the mask if you are sure it is sealed!</p>

5. DOFFING (REMOVING) THE MASK

	<p>Step 1</p> <p>Loosen the chin and cheek straps, by pressing the buckles forward using your thumbs</p>
	<p>Step 2</p> <p>Reach under and pull the mask off backwards over your head (do not pull on the front port).</p>

6. CLEANING & DISINFECTION


The cleaning and disinfection of the masks is performed in accordance with the cleaning intervals Section 7

 <p>Attention!</p>	<ol style="list-style-type: none"> 1. Do not use cleaning products containing hydrocarbons or solvents [e.g. nitro-thinner]. 2. Cleaned parts must not be dried in radiant heat [sun, radiators]. When using a drying cabinet, the temperature must not exceed +60°C. 3. Perform a tightness test after every cleaning, disinfection and maintenance or after every exchange of parts.
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6.1. Cleaning by Hand

- (1) Remove inhalation and exhalation valve discs.
- (2) Unbutton the nose cup.
- (3) Unscrew the speaking diaphragm with the special tool.
- (4) Clean mask using lukewarm water and mild cleaning agent EW 80 and thoroughly rinse in running water.
- (5) Disinfect the mask after cleaning. Removed components must be separately cleaned and disinfected.
- (6) Dry mask and components and reassemble mask in reverse order.
- (7) Perform a tightness test

6.2. Disinfection by Hand


	<ol style="list-style-type: none"> 1. Clean the mask before disinfecting 2. Use a disinfectant according to the user manual
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- (1) Disassemble and clean the mask.
- (2) Disinfect the mask using recommended disinfectant. Please observe the user instruction for the disinfectant.
- (3) Thoroughly rinse mask in running water.
- (4) Dry mask and components and reassemble mask in reverse order.
- (5) Perform a tightness test

7. MAINTENANCE

7.1. Maintenance Instructions


- a) This product should be regularly checked and serviced by trained specialists. Inspection and service records must be maintained.
- b) Always use original parts from the supplier.
- c) Repairs and maintenance must be carried out only by authorised service centres.
- d) Changes to devices or components are not permitted and will result in loss of approval.
- e) Supplier is liable only for maintenance and repairs carried out by the supplier.

	<ol style="list-style-type: none"> 1. Supplier recommends the following maintenance intervals. If necessary, considering the usage, tasks may be at even shorter intervals than indicated. 2. Observe national laws and regulations!
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7.2. **Maintenance Levels**

Work to be performed	Maximum Intervals				
	Before use	After use & 6 monthly	2 Years	4 Years	6 Years
Cleaning & disinfection		X			
Visual, Functional & Tightness Check	X	X			
Replacement of the exhalation valve disc				X	
Replacement of the Speech Diaphragm					X
Replacement of the O-ring for connector				X	X
User check	X				

8. **SAFEKEEPING AND STORAGE**

 Attention!	In order to avoid damage to or the deformation of the masks no additional loose objects shall be kept in the mask container.
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For the safekeeping of the mask the mask container should be used. This also applies to masks with installed filters, except CO and NO filters.

MSA rubber products are protected by an anti-ageing agent that can become visible as a light coating. This coating is harmless and can be removed.

You can ensure a long life of rubber goods according to ISO 2230 by storing them in a cool, dry place protected from ultraviolet radiation.