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TECHNICAL DATA SHEET

Res-protek 9900 Reusable Full Face Mask Silicone for Twin Filters

Product Introduction:

Udyogi | Res-protek 9900 Full-Face Mask is a respiratory protective device designed to protect the wearer in workplaces where protection from inhalation of airborne particulates, gases, and vapours is essential. When used with the Res-protek range of filters, it ensures comprehensive protection against hazardous substances.

Features:

- **Mask Body**: Made of silicone material for superior comfort; soft, flexible, and conforms to the face for a secure fit. Easy to clean, gentle on the skin, reduces irritation, and highly durable for repeated use, cleaning, and disinfection. Includes a soft silicone nose cup for added comfort during work.
- **Head Harness**: Six-point adjustable silicone head harness ensures a secure and comfortable fit.
- **Exhalation Valve**: Facilitates the exit of exhaled air, reducing breathing resistance and heat buildup, enhancing user comfort during prolonged wear.
- **Valve Cover**: Features a hidden downward exhalation design for easy positive pressure seal checks.
- **Large Lens**: Made of high-performance polycarbonate for a wide field of vision and excellent visibility. Includes external and internal anti-fog coating and is resistant to chemicals.
- **Bayonet Connector:** Features a bayonet connector for secure and easy attachment to Res-protek range of filters.
- **Versatile Sizing**: Available in three sizes to fit various face shapes and sizes.
- **Lightweight Design**: Reduces wearer fatigue with a minimalist facemask design.
- **Spare Parts**: A range of spare parts and accessories available for maintenance and customization.
- **Speaking Diaphragm:** Equipped with a speaking diaphragm to improve verbal communication for the wearer.

Compatibility:

- The 9900 Full face mask compatible with various Res-protek gas, vapour and particulate filters, offering flexibility across different work environments.

Product Specifications:

Model:	9900
Mask Size:	Medium (M)
Colour Code:	Grey
Mask Body Material:	Silicone
Type of PPE Category:	III
Type of Device:	Full Face Mask
Drop-down Feature:	No
Connection Type:	Bayonet
Designated to be Used:	Twin Filters
Reusability:	Multiple Uses
Replaceable Spare Parts:	Yes
Packing Per Pouch:	1 pc
Packing Per Case:	4 pcs

Benefits:

- **Enhanced Breathing**: Twin filter design minimizes breathing resistance and enhances comfort and visibility.
- **Cost Savings**: Reusable design and low maintenance reduce the need for frequent replacements, helping to cut costs.
- **Quick and Easy Replacement:** Bayonet connection allows swift filter changes with effortless attachment and removal, minimizing downtime.
- **Simple Installation:** Quick and straightforward installation process that minimizes training requirements.

Standard:

- EN 136:1998 CL2

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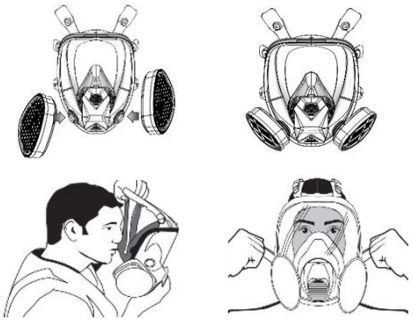
Application:
The UDYOGI 9900 Full-Face Mask is essential for work environments where protection against specific gases, vapours and particulate matter is required, especially when used with the appropriate Res-Protek range of filters, including:

- Pharmaceutical Processing & Manufacturing.
- Chemical Processing/Handling/Clean-Up.
- General Maintenance, Cleaning, Renovation.
- General Industrial Operations & Settings.
- Pesticides, Agrochemicals Handling.
- Sealants Processing/Handling.
- Assembly Operations.
- Cleaning and Degreasing Processes.
- Laboratories Operations.
- Adhesives Processing/Handling.
- Food Processing.
- Adhesives Processing/ Handling.
- Refrigeration Systems (heating, ventilation, and air conditioning).

Industry:

Short Instructions for Wearing the Respirator:

- Ensure that the filter is securely attached to the mask before use.
- Loosen the six straps of the head harness.
- Place the respirator on your face, starting with your chin and moving up, keeping hair away for a proper seal.
- Pull the harness over your head and adjust the straps in the order of neck, temples, and forehead. (Avoid overtightening; adjust for a comfortable, secure fit.)



Cleaning and Disinfection:

- **Filter Removal**: Remove filters before cleaning the face mask.
- **Cleaning Process**: Clean the face mask with a wet cloth and immerse it in a warm water solution (not exceeding 50°C) using a neutral detergent if necessary.
- **Rinsing**: Rinse the respirator with warm water and air dry in a contaminant-free environment.
- **Avoid Harsh Chemicals**: Do not clean with solvents, strong detergents, or petroleum-based products.

Storage:

- **Keep in a Cool, Dry Place:** Store the filter in a fresh, cool, and dry environment.
- **Avoid Direct Sunlight:** Keep the filter away from direct sunlight to prevent degradation.
- **Temperature Limit:** Do not expose the filter to temperatures exceeding 50°C or direct sunlight.
- **Humidity Control:** Store in an environment with low humidity, ideally not exceeding 80% relative humidity.
- **Avoid High Heat Sources:** Keep away from high heat sources to maintain filter integrity.

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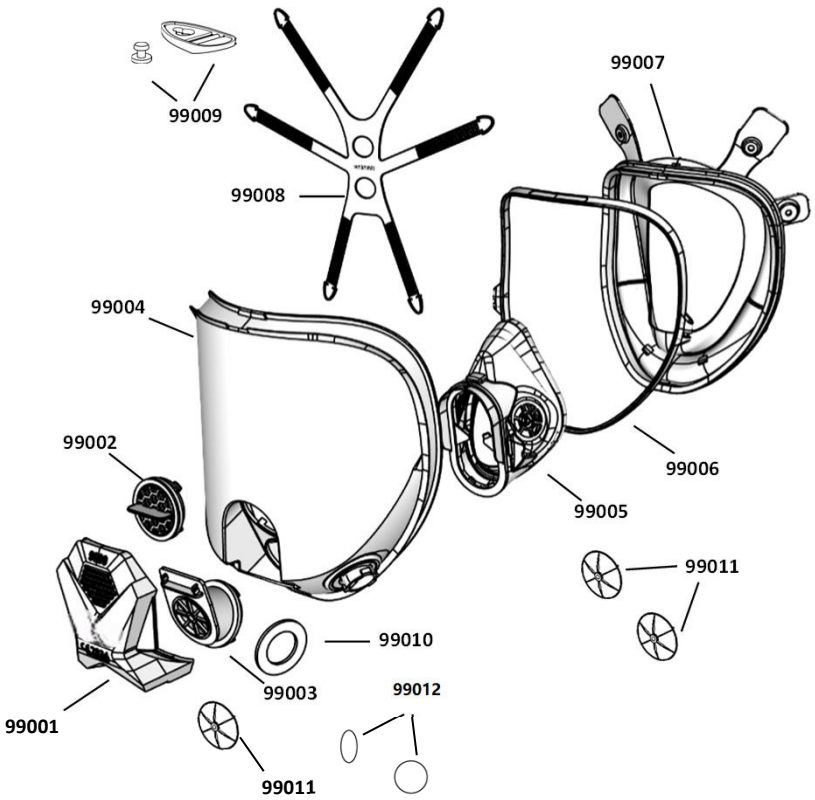
9900 Full Face mask Replacement Parts & Accessories

Number	Description
99001	Exhalation valve cover
99002	Speaking Diaphragm Assembly
99003	Exhalation Valve Assembly
99004	Lens Assembly
99005	Nose Cup Assembly
99006	Frame Assembly with Screw
99007	Face Seal
99008	Head harness
99009	Head Harness Buckle and Button
99010	Inhalation O Ring / Gasket
99011	Exhalation Valve
99012	Inhalation Valve



Before Use:

- Make sure the mask has all its parts: harness and straps, inhalation and exhalation valves.
- Make sure the mask is in perfect conditions, with no signs of dirt, breakage, cracks, bumps in any of its components. Should this be the case, the mask must be disposed off.
- Make sure that the chosen filter is the proper one for the intended use.
- Make sure two units of the same type of filter are available for each mask.

Warning:

These filters do not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
Caution must be given in oxygen-enriched atmospheres (ignition), and it is prohibited to enter explosive atmospheres (e.g., through solvents). Filters should not be used in firefighting or to work with open flames or molten metal since.
Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging.

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