



## TECHNICAL DATA SHEET

Res-rotek **8200**

# Reusable Half Face Mask TPE for Twin Filters



### Product Introduction:

**Udyogi | Res-rotek 8200 Half-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-rotek range of filters, it ensures comprehensive protection against hazardous substances.

### Features:

#### Mask Body

- **Material:** Made of durable thermoplastic elastomers (TPE) for a secure, comfortable fit.
- **Seal:** Provides a tight seal to prevent leakage of contaminated air.
- **Usability:** Simple to handle and clean; flexible and reusable.

#### Head Harness

- **Adjustability:** Adjustable with a three-size head cradle for a personalized, secure fit.
- **Material:** Made from spandex elastic material for comfort and durability.

#### Exhalation Valve

- **Function:** Facilitates the exit of exhaled air, reducing breathing resistance and heat buildup.
- **Comfort:** Enhances user comfort during extended wear.
- **Valve Cover:** Features a hidden downward exhalation design for easy positive pressure seal checks.
- **Bayonet Connector:** Features a bayonet connector for secure and easy attachment to Res-rotek half masks and full-face masks.
- **Versatile Sizing:** Available in three sizes to fit various face shapes and sizes.
- **Lightweight Design:** Reduces wearer fatigue with a minimalist facemask design.

### Compatibility:

- The 8200 Half face mask Compatible with various Res-rotek gas, vapour and particulate filters, offering flexibility across different work environments.

### Standard:

- EN 140: 1998

### Product Specifications:

<b>Model:</b>	8200
<b>Mask Size:</b>	Medium (M)
<b>Colour Code:</b>	Grey
<b>Type of PPE Category:</b>	III
<b>Type of Device:</b>	Half Face Mask
<b>Drop-down Feature:</b>	Yes
<b>Connection Type:</b>	Bayonet
<b>Designated to be Used:</b>	Twin Filters
<b>Reusability:</b>	Multiple Uses
<b>Replaceable Spare Parts:</b>	Yes
<b>Packing Per Pouch:</b>	1 pc
<b>Packing Per Case:</b>	20 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.



Scan Here For More Info

## 8200 Reusable Half Face Mask TPE for Twin Filters

### Application:

The UDYOGI 8200 Half-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:



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



Paper



General  
Manufacturing



Oil & Gas



Power



Construction



Heavy  
Manufacturing



Agriculture



Textile



FMCG

### Short Instructions for Wearing the Respirator:

Ensure that the filter is securely attached to the mask before use.

- Place the respirator over your mouth and nose and pull the harness over your head.
- Hook the bottom straps at the back of your neck.
- Tighten the top straps for a secure fit.
- Adjust the bottom straps as needed.



### Cleaning and Disinfection:

- **Filter Removal:** Remove filters before cleaning the face mask.
- **Cleaning Process:** Clean the respirator 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 face mask 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.

**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.