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TECHNICAL DATA SHEET

Res-protek 4001

Organic Gases and Vapours Single Filter A1

Product Introduction:

UDYOGI | Res-protek 4001 Filter is an A1 type single filter designed to protect against certain organic gases and vapours. Featuring a push to lock mechanism connector, it integrates seamlessly with Res-protek 4200 half mask. This filter provides essential safety for users exposed to organic vapours in various industrial settings.



Features:

- **Protection Against Organic Gases:** Provides effective filtration against certain organic gases and vapours with a boiling point above 65°C, including solvents and hydrocarbons.
- **Defined Capacity:** A1 filters are designed to adsorb organic gases and vapours up to a specified capacity before reaching saturation.
- **Push to Lock Mechanism:** Allows quick and easy filter replacement; filters lock securely into place with a simple push, no tools or complex procedures required.
- **Reduced Downtime:** Minimizes downtime during filter changes, which is crucial for maintaining productivity in industrial settings.
- **User-Friendly Design:** Intuitive system that is easy to use, even for individuals with minimal training or experience.
- **Lightweight:** Ensures comfort and reduces strain during extended use.
- **Filter Shape:** Round-shaped single filter.

Compatibility:

- The 4001 single filter are compatible with Res-Protek 4200 half face masks.

Standard:

- GB 2890: 2009

Product Specifications:

Model:	4001
Filter Class:	1
Filter Type:	A (OV)
Colour Code:	Brown
Type of PPE Category:	III
Type of Device:	Gas & Vapour Filter
PPM:	up to 1000ppm
Connection Type:	Push to Lock
Designated to be Used:	Single Filter
Reusability:	Multiple Uses
Packing Per Pouch:	1 Pc
Packing Per Case:	60 pcs

Benefits:

- **Versatile Compatibility:** Compatible with Res-Protek 4200 half-face respiratory protective device providing flexibility for various work environments.
- **Combined Protection:** Can be used with Res-Protek 4N11 pre-filter and 485 filter holder for combined protection against organic gases, vapours, and particulate matter.
- **Cost Savings:** Reusable design reduces the need for frequent replacements, cutting costs.
- **Wide Range of Applications:** Suitable for various industrial settings, which helps reduce inventory needs.
- **Simple Installation:** Quick and straightforward installation process that minimizes training requirements.



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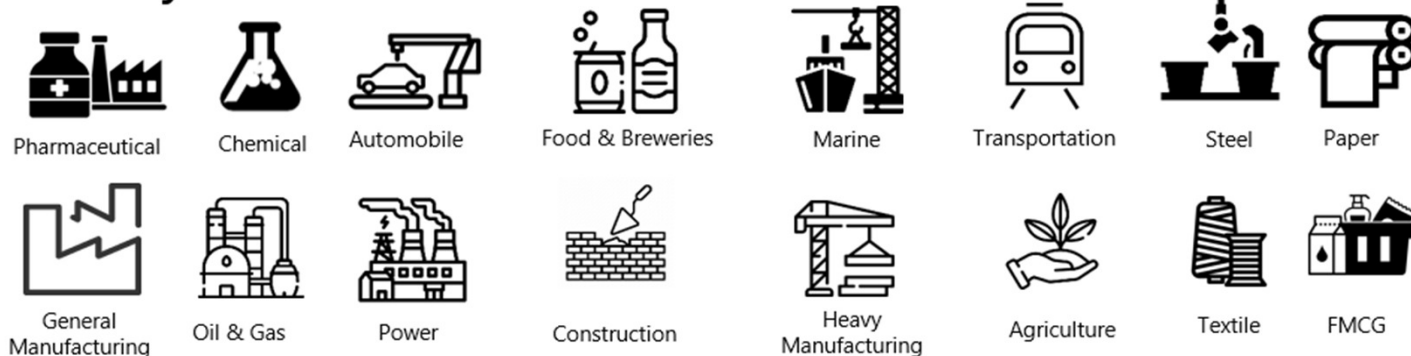
4001 Organic Gas & Vapour Single Filter A1

Application:

4001 Filter is essential for work environments where protection against certain organic gases and vapours is required Including:

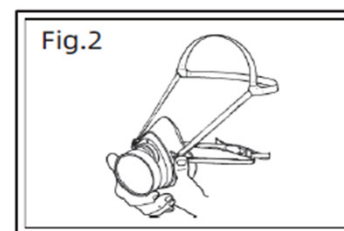
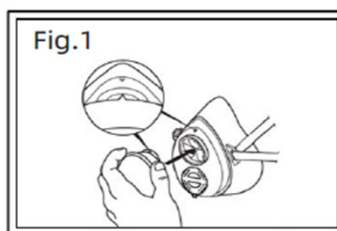
- **Chemical Processing:** Safeguards against organic vapours in chemical manufacturing environments.
- **Petrochemical Facilities:** Provides protection from hydrocarbons and solvents common in petrochemical industries.
- **Pharmaceutical Production:** Ensures safety from organic vapours in pharmaceutical and laboratory settings.
- **Agricultural Applications:** Suitable for environments where organic chemicals and pesticides are used.
- **Paint Preparation:** Provides protection from vapours during paint preparation activities.
- **Painting:** Effective against vapours and solvents released during painting operations.
- **Chemical Dispensing:** Effective in environments where organic vapours are released during chemical dispensing.
- **Cleaning:** Protects users from vapours emitted during cleaning operations involving solvents and chemicals.

Industry:



Assembling Instructions for Filter with Face Mask:

- **Check Cartridge:** Verify that the cartridge is in good condition.
- **Attach Cartridge:** Snap the cartridge into the inhalation port of the respirator. A snapping sound will confirm that the cartridge is securely attached.
- **Align Cartridge:** Ensure the cartridge alignment mark is aligned with the respirator as shown in Figure 1.
- **Remove Cartridge:** To remove, grasp the base of the cartridge and pull upward as shown in Figure 2.



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.