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TECHNICAL DATA SHEET

Res-protek 8101

Organic Organic Gases and Vapours Twin Filter A1

Product Introduction:

UDYOGI | Res-protek 8101 Filter is an A1 type twin filter designed to protect against specific organic gases and vapours. Featuring a bayonet connector, it integrates seamlessly with Res-protek half masks and full-face masks. This filter provides essential safety for users exposed to organic vapours in various industrial settings.



Features:

- **Protection Against Organic Gases:** Provides effective filtration against specific organic gases and vapours with a boiling point above 65°C, including solvents and hydrocarbons.
- **Combined Protection:** For additional protection against particulates, use the 8101 filter with the 811 pre-filter and 810 retainer on a Res-protek face mask. This setup covers gases, vapours, and particulates.
- **Bayonet Connector:** Features a bayonet connector for secure and easy attachment to Res-protek half masks and full-face masks.
- **Swept-Back Design:** The swept-back design enhances the field of view and comfort for the wearer.
- **Enhanced Comfort:** Designed for improved comfort and usability, ensuring a better fit and extended wear.
- **Optimized Shape:** The filter's ergonomic shape ensures a snug fit within respiratory masks, improving overall safety and user comfort.
- **Low Maintenance:** Designed to require minimal upkeep, reducing the frequency of filter changes and associated maintenance efforts.

Compatibility:

- The 8101 twin filters are compatible with Res-Protek's range of half and full-face masks.

Standard:

- EN 14387:2004+A1:2008

Product Specifications:

Model:	8101
Filter Class:	1
Filter Type:	A (OV)
Colour Code:	Brown
Type of PPE Category:	III
Type of Device:	Particles Filter
PPM:	up to 1000ppm
Connection Type:	Bayonet
Designated to be Used:	Twin Filter
Reusability:	Multiple Uses
Packing Per Pouch:	1 pair
Packing Per Case:	30 pairs

Benefits:

- **Versatile Compatibility:** Compatible with various Res-protek including half and full-face respiratory protective devices, offering flexibility across different work environments.
- **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.
- **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.



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8101 Organic Gas & Vapour Twin Filter A1

Application:

8101 Filter is essential for work environments where protection against organic gases and vapours is required Including:

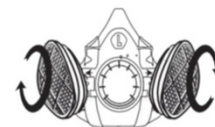
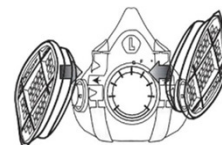
- **Chemical Processing:** Safeguards against organic vapours in chemical manufacturing environments.
- **Petrochemical Facilities:** Provides protection from hydrocarbons and solvents common in petrochemical industries.
- **Pharmaceutical Production:** Ensures safety from organic vapours in pharmaceutical 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:



Usage Instructions:

- **Install the Filters:**
Match the filter's plastic connection with the filter holder on the face mask.
Press and turn the filter clockwise until it is securely locked in place.
Repeat the process for the second filter.
- **Verify Seal:** Confirm that both filters are properly seated and that there are no gaps around the connections.
- **Regular Inspection:** Periodically check the filters for signs of damage, clogging, or reduced airflow.
- **Replace When Necessary:** Replace the filters if they become clogged, damaged, or if breathing resistance increases significantly.
- **Dispose Properly:** Follow local regulations for the disposal of used filters and respiratory components.



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.