TECHNICAL DATA SHEET

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Res-protek 3003 Particulate Twin Filter P3 R

Product Introduction:

UDYOGI | Res-protek 3003 Filter is an P3 R type twin filter designed to deliver high-efficiency protection against airborne particulate contaminants such as dust, fumes, mist, and aerosols. Additionally, it provides protection against certain nuisance levels of acid gas relief (AG). This filter is essential for use in respiratory protective devices, including half and full-face masks, ensuring comprehensive safety and comfort for the wearer.

Features:

- **P3 Classification:** Provides a minimum of 99.95% filtration efficiency against airborne particles, ensuring high-level protection.
- **R - Reusability:** Designed for multiple uses.
- **Oil Resistance:** Filters both oil-based and non-oil-based aerosols, suitable for diverse industrial environments.
- **Protection:** High-efficiency protection against dust, fumes, mist, aerosols, and nuisance levels of acid gas relief (AG).
- **Twin Filter Design:** Enhances airflow and extends filter life, providing effective and comfortable protection.
- **Bayonet Connection:** Features a secure bayonet attachment for easy and reliable connection to respiratory protective devices.
- **360-Degree Rotation Capability:** Allows for easy adjustment and optimal positioning of filters, enhancing comfort and usability.
- **Easy Installation:** Simplifies setup and reduces training requirements for quick and efficient use.

Compatibility:

- The 3003 twin filters are compatible with Res-Protek's range of half and full-face masks.

Standard:

- **EN 143:2021**

Product Specifications:

Model:	3003
Class:	P3 R
Colour:	Yellow
Type of PPE Category:	III
Type of Device:	Particulate Filter
Filter Efficiency:	99.95%
Connection Type:	Bayonet
Designated to be Used:	Twin Filter
Reusability:	Multiple Uses
Packing Per Pouch:	1 pair
Packing Per Case:	50 pairs

Benefits:

- **Comfortable Wear:** Twin filter design and 360-degree rotation and light in weight improve comfort during extended use.
- **Cost Savings:** Reusable design reduces the need for frequent replacements, cutting costs.
- **Versatile Use:** Effective against both oil-based and non-oil-based aerosols for diverse applications.
- **Flexible Integration:** Compatible with various respiratory devices, including half and full-face masks.
- **Quick and Easy Replacement:** Bayonet connection allows swift filter changes with effortless attachment and removal, minimizing downtime.

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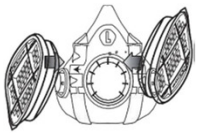
Application:

The 3003 Particulate Filter is essential for work environments where protection against particulate matter is required, Including:

- **Solids:** Effective against particulates from processing minerals, coal, iron ore, cotton, flour, and similar substances.
- **Radioactive Particulates:** Provides protection from radioactive materials such as uranium and plutonium.
- **Metal Fumes:** Protects against fumes and particles from welding, brazing, cutting, and other metal heating processes.
- **Construction Sites:** Effective against dust and particulate matter typical in construction environments.
- **Manufacturing Facilities:** Ideal for airborne particles from manufacturing processes.
- **Chemical Processing:** Provides protection from particulate matter and oil-based aerosols.
- **Laboratories:** Ensures clean air by filtering harmful particles and aerosols in lab settings.
- **Agricultural Work:** Suitable for dust and particulates in agricultural activities.
- **Mining Operations:** Effective for high levels of dust and particulate contaminants.

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.

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