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TECHNICAL DATA SHEET

Res-protek 4701

Particulate Filter P2

Product Introduction:

UDYOGI | Res-protek Particulate Filter 4701, P2 R provides reliable protection against particulate matter. It is designed for use with the Res-Protek 4200 face mask with 4800 filter holder, ensuring a minimum filtration efficiency of 94%. This filter is essential for maintaining respiratory safety across various industrial and environmental applications.



4800 Filter Holder

Features:

- **Effective Pre-Filtration:** Efficiently removes airborne particles such as dust, mist, and debris, preventing them from reaching the primary filter and reducing clogging.
- **Long-Lasting Durability:** Constructed from five layers in polypropylene to withstand heavy use, extending the lifespan of your filtration system.
- **Easy Integration:** Simple to install and compatible with Res-protek 4800 filter hold with 4200 half face mask.
- **Comfortable Fit:** Ensures a secure seal when properly fitted with compatible Res-protek 4200 half face mask, offering optimal protection and comfort during use.
- **Comfort:** Features a low-profile, lightweight design that enhances comfort and worker acceptance, ideal for extended use.
- **P2 - Particulate Filtration:** Provides at least 94% efficiency against solid and liquid aerosols, including dust and mist, ensuring reliable protection in moderately contaminated environments.
- **R - Reusability:** Designed for multiple uses, the filter can be reused until it becomes clogged, damaged, or difficult to breathe through.

Product Specifications:

Model :	4701
Class :	P2 R
Colour:	White
Type of PPE Category :	III
Type of Device :	Particulate Filter
Filter Efficiency :	94%
Construction :	Polypropylene
Protection :	Particulates
Packing Per Box :	10 pcs
Packing Per Case :	100 pcs

Benefits:

- **Enhanced Protection:** Effective filtration removes airborne particles.
- **Cost Efficiency:** Durable and reusable design reduces replacement frequency, saving costs over time.
- **Versatility:** The easy integration with Res-protek 4200 face mask and compatibility with different applications make it a flexible choice for diverse environments.
- **Extended Operational Life:** Dust protection, proven by the dolomite test, ensures long-lasting effectiveness in high-dust environments.
- **Broad Applicability:** Ideal for diverse settings like powder mixing, processing, cement manufacturing.

Compatibility:

It must be used as a particulate filter with Res-Protek 4800 filter hold and 4200 half face mask.

Standard:

Complies with as per EN 143:2020



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4701 Particulate Filter P2 R

Application:

The 4701 Particulate Filter is essential for work environments where protection against particulate matter is required, Including:

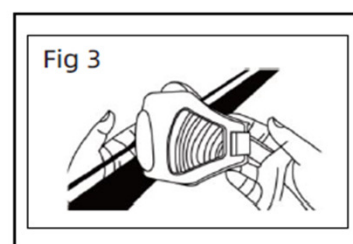
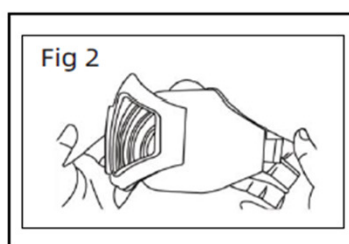
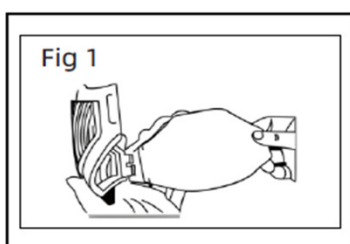
- **Petrochemical Processing:** Suitable for environments with exposure to dust and particulate matter, enhancing worker safety.
- **Chemical Manufacturing:** Protects against particulates present in chemical processing, contributing to a safer work environment.
- **Agricultural Settings:** Effective in high-dust conditions typically found in farming and agricultural operations.
- Cement Manufacturing Pharmaceutical Processing.
- General Maintenance, Cleaning, Renovation, General Industrial Operations & Settings:
- Powder Processing, Handling, Assembly Operations

Industry:



Assembly Instructions for 4701 Particulate Filter with 4800 Filter Holder:

- **Open Buckle:** Open the buckle of the 4800 filter holder (Fig. 1).
- **Insert Filter:** Place the particulate filter into the holder with the printed side facing the face. Adjust the filter to ensure it is properly positioned (Fig. 2).
- **Close Holder:** Close the filter holder and buckle it. Listen for the "click" sound to confirm the holder is securely closed (Fig. 3).
- **Replace Filter:** To replace the filter, press down on the holder, open the buckle, remove the old filter, and insert the new one.



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.