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TECHNICAL DATA SHEET

Res-protek 811

Particulate Pre-Filter P2 R

Product Introduction:

UDYOGI | Res-protek Particulate Filter 811, P2 R D is provides reliable protection against particulate matter. Designed for use with Res-protek gas and vapor filters. Ensuring a minimum filtration efficiency of 94%. This filter is essential for maintaining respiratory safety across various industrial and environmental applications.



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 various Res-protek gas and vapor filters
- **Comfortable Fit:** Ensures a secure seal when properly fitted with compatible Res-protek filters, 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.
- **D - Dust Protection:** Passes the dolomite dust clogging resistance test ensuring effective performance in high-dust environments and extending the filter's operational lifespan.

Standard:

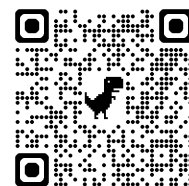
EN 14387:2004 + A1:2008

Product Specifications:

Model :	811
Class :	P2 R D
Colour:	White
Type of PPE Category :	III
Type of Device :	Pre-filter
Filter Efficiency :	94%
Construction :	Polypropylene
Protection :	Particulates
Packing Per Box :	10 pcs
Packing Per Case :	100 pcs

Benefits:

- **Enhanced Protection:** Effective pre-filtration keeps airborne particles away from the primary filter, improving performance and longevity.
- **Cost Efficiency:** Durable and reusable design reduces replacement frequency, saving costs over time.
- **Versatility:** The easy integration with various Res-protek gas and vapor filters 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 spray painting, petrochemical processing, and chemical manufacturing.



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Application:

The 811 Particulate Filter is essential for work environments where protection against particulate matter is required when used with res-protek 8100 series filters, Including:

- **Spray Painting:** Provides effective protection against paint aerosols and dust, ensuring a clean and safe work environment.
- **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.

Industry:



Usage Instructions:

811 It must be used as a combined filter with the Res-protek 8100 series filters and the filter adapter reference 810.

Assembly Instructions:

- **Insert the Pre-Filter:** Place the 811 pre-filter into the 810 pre-filter retainer with the printed side of the filter facing up. Press the filter into the retainer until it is securely attached to the filter (Fig 1).
- **Ensure Full Coverage:** The 811 pre-filter must completely cover the face of the filter (Fig 2).
- **Replace the Pre-Filter:** To replace the 811 pre-filter, lift the tab to remove the 810 pre-filter retainer (Fig. 3).

Fig. 1



Fig. 2

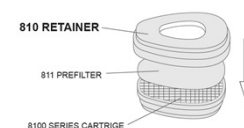


Fig. 3



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.