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## TECHNICAL DATA SHEET

**Res-protek 4N11**

## Particulate Pre-Filter For 4000 Series Single Filters



### Product Introduction:

**UDYOGI | Res-protek** Particulate Filter 4N11, P1 R provides reliable protection against particulate matter. Designed for use with Res-protek single gas and vapor filters, ensuring a minimum filtration efficiency of 80%. 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
- **P1 - Particulate Filtration:** Provides at least 80% efficiency against solid and liquid aerosols, including dust and mist, ensuring reliable protection in moderately contaminated environments.

### 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 single gas and vapor filters and compatibility with different applications make it a flexible choice for diverse environments.

### Application:

The 4N11 Particulate Filter is essential for work environments where protection against particulate matter is required when used with res-protek 4000 series filters, Including:

- **Spray Painting.**
- **Petrochemical Processing.**
- **Chemical Manufacturing.**
- **Agricultural Settings.**

**Standard:** GB 2890: 2009

### Product Specifications:

|                            |               |
|----------------------------|---------------|
| <b>Model :</b>             | 4N11          |
| <b>Class :</b>             | P1            |
| <b>Colour:</b>             | White         |
| <b>Type of Device :</b>    | Pre-filter    |
| <b>Filter Efficiency :</b> | 80%           |
| <b>Construction :</b>      | Polypropylene |
| <b>Protection :</b>        | Particulates  |
| <b>Packing Per Box :</b>   | 10 pcs        |
| <b>Packing Per Case :</b>  | 100 pcs       |

### Assembly Instructions:

- **Insert the Pre-Filter:** Place the 4N11 pre-filter into the 485 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.
- **Ensure Full Coverage:** The 4N11 pre-filter must completely cover the face of the filter.
- **Replace the Pre-Filter:** To replace the 4N11 pre-filter, lift the tab to remove the 485.

### 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.

**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.