## FEATURES

- **Intrepid media**

- **G4 Grade**

- **Maximum airflow**

- **Varying thickness available in range**

# RS PRO Pleated Panel Filter, Intrepid Media, G4 Grade, 495 x 495 x 45mm 8

**RS Stock No.: 730-2861**



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Brought to you by RS PRO these standard pleated panel filters are high capacity disposable filters, offering a basic level of filtration, or pre-filtration in HEVAC applications. This product is made using patented Kimberly Clark Intrepid® filter media which delivers a constant level of filtering over its life with energy savings of up to 40%. Constructed by bonding a pleat pack of filter media into a water repellent AquaKote® card frame, Aquakote® card has superior tear resistance when wet and great tear resistance when dry and is manufactured from a renewable source. Patented Kimberly Clark filter media has a graduated density for even dirt loading which provides greater dust holding and therefore longer filter life. This filter media is hydrophobic, has a constant efficiency due to its extra natural electrostatic charge, superior efficiency versus particle size, low pressure drop, and is made from continuous fibres so will not shed.

## General Specifications

| | |
|---|---|
| Filter Type | Pleated Panel |
| Maximum Air Flow | 1764m³/h |
| Filter MERV Rating | 8 |
| Filter Grade | G4 |
| Case Material | AquaKote |
| Media Material | Intrepid |
| Colour | White |
| Applications | General prefilter for HVAC and kitchen hoods, HVAC air filters are used in heating, ventilation and air conditioning (HVAC) systems to improve air quality by removing unwanted particles from the air. |

## Mechanical Specifications

| | |
|---|---|
| Nominal Dimensions | 20in x 20in x 2in |
| Nominal Height | 20in |
| Nominal Width | 20in |
| Nominal Depth | 2in |
| Initial Pressure Drop | 47Pa |
| Final Pressure Drop | 250Pa |

## Actual Dimensions

| Dimensions | 495mm x 495mm x 45mm |
|---|---|
| **Actual Height** | 495mm |
| **Actual Width** | 495mm |
| **Actual Depth** | 45mm |

## Approvals

| Compliance/Certifications | 2011/65/EU and 2015/863 |
|---|---|
| **Standards Met** | ANSI/ESD S20.20:2014 and BS EN 61340-5-1:2007 |