FEATURES

- **Intrepid media**

- **G4 Grade**

- **Maximum airflow**

- **Varying thickness available in range**

RS PRO Pleated Panel Filter, Intrepid Media, G4 Grade, 495 x 594 x 45mm 8

RS Stock No.: 730-2864

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	2217m³/h
Media Area	1.9; 3.2
Filter MERV Rating	8
Number of Pockets	6; 4
Filter Grade	G4
Standard Capacity	15 pleats per linear foot
Case Material	AquaKote
Media Material	Intrepid
Colour	White
Applications	General prefilter for HVAC and kitchen hoods

Properties	
Composition	100 % polyester fibres
Bonding	Thermally bonded by means of bicomponent fibres and calibrated to a certain thickness
Flammability	K1 / F1
Media velocity	1.5m/s
Initial Arrestance	77.70%
Average Arrestance	87.50%
Dust Holding Capacity	400g/m²
Thermal stability	100°C (briefly up to 120°C)
Efficiency	85% @ 0.4µm

Mechanical Specifications

Nominal Dimensions	20x24x2in
Nominal Height	20in
Nominal Width	24in
Nominal Depth	2in
Header Size	22mm; 35mm
Initial Pressure Drop	47Pa
Final Pressure Drop	250Pa

Actual Dimensions	
Dimensions	495x594x45mm
Actual Height	495mm
Actual Width	594mm
Actual Depth	45mm

Operation Environment Specifications

Maximum Working Temperature	80°C
Relative Humidity	100%

Approvals

Compliance/Certifications	Eurovent Approved
Standards Met	ASHRAE 52.2 / EN 779