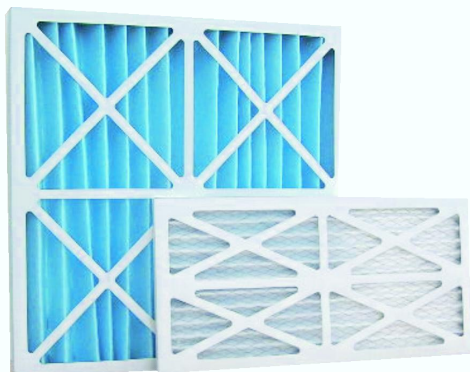




# Cardboard Synthetic Pre-filter



## Capacity

UL Class 2

- ※Frame: Cardboard, extruded aluminum, galvanized steel
- ※Media: Polyester
- ※Face net: Spot mesh, expanded mesh
- ※Efficiency: G3/G4(EN779)

## Operating Conditions

- ※Temperature:  $\leq 70^{\circ}\text{C}$
- ※Humidity:  $\leq 90\%\text{RH}$

## Advantages

- ※High dust holding capacity
- ※Compact design, Easy Installation, Light Weight
- ※High efficiency

## Technical Parameters

| W*H*D<br>(inch)                   | W*H*D<br>(mm) | Area<br>(m²) | Airflow<br>(CMH) | Initial Pressure<br>(Pa) | Airflow<br>(CMH) | Initial Pressure<br>(Pa)※ |
|-----------------------------------|---------------|--------------|------------------|--------------------------|------------------|---------------------------|
| 12*24*1                           | 290*594*20    | 0. 28        | 930              | 85                       | 1550             | 135                       |
| 20*20*1                           | 496*496*20    | 0. 39        | 1330             |                          | 2200             |                           |
| 20*24*1                           | 493*594*20    | 0. 47        | 1600             |                          | 2650             |                           |
| 20*25*1                           | 493*623*20    | 0. 49        | 1660             |                          | 2760             |                           |
| 24*24*1                           | 594*594*20    | 0. 56        | 1900             |                          | 3175             |                           |
| 12*24*2                           | 290*593*45    | 0. 46        | 930              | 55                       | 1550             | 85                        |
| 20*20*2                           | 496*496*45    | 0. 61        | 1330             |                          | 2200             |                           |
| 20*24*2                           | 493*594*45    | 0. 72        | 1600             |                          | 2650             |                           |
| 20*25*2                           | 496*623*45    | 0. 76        | 1660             |                          | 2760             |                           |
| 24*24*2                           | 594*594*45    | 0. 92        | 1900             |                          | 3175             |                           |
| 12*24*4                           | 290*593*92    | 0. 84        | 930              | 45                       | 1550             | 70                        |
| 20*20*4                           | 493*493*92    | 1. 17        | 1330             |                          | 2200             |                           |
| 20*24*4                           | 493*594*92    | 1. 40        | 1600             |                          | 2650             |                           |
| 20*25*4                           | 493*620*92    | 1. 46        | 1660             |                          | 2760             |                           |
| 24*24*4                           | 593*593*92    | 1. 68        | 1900             |                          | 3175             |                           |
| Recommended final pressure: 200Pa |               |              |                  |                          |                  |                           |

※Pressure range  $\pm 15\%$ .

Different sizes and specifications are available

## Description

The filter radial wedge pleat ensures that the greatest media area is exposed to the air flow to promote uniform dust loading

Expanded painted metal provides a flat, stable surface that allows 100% media to metal adhesion. This eliminates media damage caused by overlapping wire grids that cannot be 100% attached. Expanded painted metals give a better corrosion resistance than others.

## Applications

Used as prefilters in commercial and industrial central air conditioning systems, clean rooms, and related industries.

Fleco Int'l Corp.

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# Cardboard Polycotton Pre-filter

UL Class 2



## Capacity

- ※Frame: Cardboard, extruded aluminum, galvanized steel
- ※Media: Polycotton
- ※Face net: Spot mesh, expanded mesh
- ※Efficiency: G3/G4(EN779)

## Operating Conditions

- ※Temperature:  $\leq 80^{\circ}\text{C}$
- ※Humidity:  $\leq 90\%\text{RH}$

## Advantages

- ※High dust holding capacity
- ※Compact design, Easy Installation, Light Weight
- ※High efficiency

## Technical Parameters

| W*H*D<br>(inch)                   | W*H*D<br>(mm) | Area<br>(M <sup>2</sup> ) | Airflow<br>(CMH) | Initial Pressure<br>(Pa) | Airflow<br>(CMH) | Initial Pressure<br>(Pa) ※ |
|-----------------------------------|---------------|---------------------------|------------------|--------------------------|------------------|----------------------------|
| 12*24*1                           | 290*594*20    | 0. 28                     | 930              | 80                       | 1550             | 130                        |
| 20*20*1                           | 496*496*20    | 0. 39                     | 1330             |                          | 2200             |                            |
| 20*24*1                           | 493*594*20    | 0. 47                     | 1600             |                          | 2650             |                            |
| 20*25*1                           | 493*623*20    | 0. 49                     | 1660             |                          | 2760             |                            |
| 24*24*1                           | 594*594*20    | 0. 56                     | 1900             |                          | 3175             |                            |
| 12*24*2                           | 290*593*45    | 0. 46                     | 930              | 50                       | 1550             | 80                         |
| 20*20*2                           | 496*496*45    | 0. 61                     | 1330             |                          | 2200             |                            |
| 20*24*2                           | 493*594*45    | 0. 72                     | 1600             |                          | 2650             |                            |
| 20*25*2                           | 496*623*45    | 0. 76                     | 1660             |                          | 2760             |                            |
| 24*24*2                           | 594*594*45    | 0. 92                     | 1900             |                          | 3175             |                            |
| 12*24*4                           | 290*593*92    | 0. 84                     | 930              | 40                       | 1550             | 65                         |
| 20*20*4                           | 493*493*92    | 1. 17                     | 1330             |                          | 2200             |                            |
| 20*24*4                           | 493*594*92    | 1. 40                     | 1600             |                          | 2650             |                            |
| 20*25*4                           | 493*620*92    | 1. 46                     | 1660             |                          | 2760             |                            |
| 24*24*4                           | 593*593*92    | 1. 68                     | 1900             |                          | 3175             |                            |
| Recommended final pressure: 200Pa |               |                           |                  |                          |                  |                            |

※Pressure range  $\pm 15\%$ .

Different sizes and specifications are available

## Description

The filter radial wedge pleat ensures that the greatest media area is exposed to the air flow to promote uniform dust loading

Expanded painted metal provides a flat, stable surface that allows 100% media to metal adhesion. This eliminates media damage caused by overlapping wire grids that cannot be 100% attached. Expanded painted metals give a better corrosion resistance than others.

## Applications

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