

# Product Specification

## Purolator® P312 Disposable Panel Filters

### 1.0 Scope

This specification covers disposable panel filters that are a component of heating, ventilating and air conditioning systems.

### 2.0 Construction

The filters shall consist of polyester media in a one-piece pinch frame

#### 2.1 Media

The media shall be 100% polyester fiber.

#### 2.2 Filter Frame

The media shall be contained in a one-piece pinch frame made of heavy-duty kraft board.

The frame is sealed with a polyethylene adhesive under heat and pressure, forming a continuous bond around the entire perimeter of the frame.

#### 2.3 Stapled Construction Alternative

Staples may be used to seal the perimeter of the frame in the manufacture of custom or low volume run sizes.

### 3.0 Performance

The filters shall meet the following minimum performance requirements per ASHRAE Standard 52.2-2017. Tests conducted at 295 FPM face velocity on 24x24 face size filters shall be representative of all sizes manufactured.

Model & Depth	P312 1"	P312 2"
Nominal Size	24 x 24 x 1	24 x 24 x 2
Rated Air Flow Capacity	1200 CFM	1200 CFM
Initial Resistance	0.07" W.G.	0.07" W.G.
Final Resistance	0.50" W.G.	1.00" W.G.
MERV	< 5	< 5



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## 4.0 Underwriters Laboratories Classification

The filters shall be classified per UL Standard 900 for flammability.

## 5.0 Operating Temperature Limits

The filter shall operate at temperatures up to 200 °F (93 °C) without materially affecting filter integrity or performance.

