

# QuadSEAL® Filters MERV 14

High-Efficiency 4-Inch Extended Surface Box Filters with Foamed Polyurethane Frame, Integral Gasket, and E-Pleat® Media Technology



## Flexible, Impact-Resistant, Long-Life, Energy-Saving Filters for Commercial Applications

Parker QuadSEAL® HVAC filters feature proprietary E-Pleat® media technology. The molded frame is moisture, chemical, and corrosion resistant and can flex without damage.

### Engineered to provide zero air bypass filtration

The polyurethane frame incorporates a QuadSEAL integrated gasket on all four sides. Gasket is on the air leaving and perimeter of the frame and provides filter to holding frame seal to prevent bypass. The dual gasket ribs provide dual sealing protection. The media pack is 100 percent bonded into the foamed polyurethane frame, eliminating bypass and the need for additional sealants or adhesives.

### Markets:

- Hotels and entertainment complexes
- Food processing
- Microelectronics manufacturing
- Data centers
- Commercial office buildings
- Schools and universities
- Clean manufacturing facilities
- Hospitals and healthcare facilities
- Government institutions
- Industrial manufacturing

### Contact Information:

Parker Hannifin Corporation  
**HVAC Filtration Division**  
100 River Ridge Circle  
Jeffersonville, Indiana 47130

phone 866 247 4827

[www.parker.com/HVAC](http://www.parker.com/HVAC)



### Product Features:

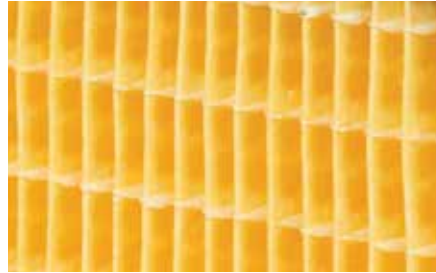
- Molded foamed polyurethane frame with dual-sealing integral gasket is moisture, chemical, and corrosion resistant and can flex without damage
- Proprietary E-Pleat media technology efficiently directs air flow through the filter for low resistance
- Exclusive gold synthetic media with embossed design holds two times more dust
- Media resists tearing, damage, moisture, and microbial growth
- Longer filter life and fewer filter change outs with higher dust holding capacity
- 12-inch filter performance in a compact 4-inch design
- Larger sizes contain center support bar to ensure performance under high air pressure loading
- Simplified handling and easy installation, plus reduced storage space requirements and lower shipping costs
- Energy savings – Low pressure drop offers reduced energy use
- Completely incinerable – no metal parts
- Lightweight construction
- Classified per UL Standard 900 for flammability
- MERV 14 meets the efficiency requirements to earn points toward LEED green building certification
- Silicone free design (no silicone components used in manufacturing process)

ENGINEERING YOUR SUCCESS.

# Parker QuadSEAL Filters are Engineered for Long Life and Efficient Zero Air Bypass Performance



Integral gasket with dual sealing ribs prevents air bypass. Media is fully potted into the frame.

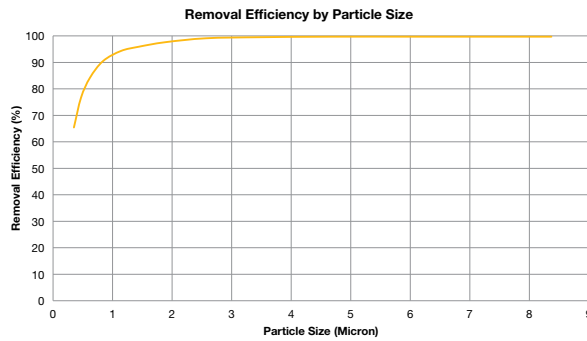
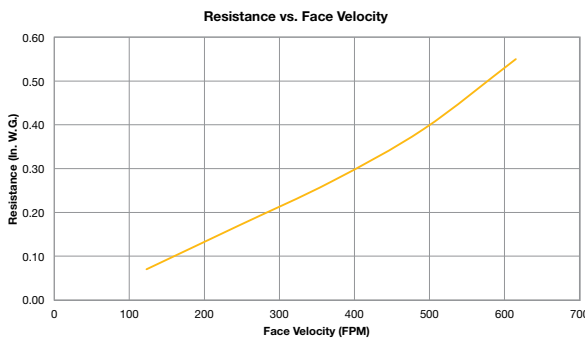


E-Pleat technology molds filtration media into a series of pre-formed channels that direct the air smoothly through the filter, allowing for even loading and complete media utilization.



Adhesive beads bond the pleats into a rigid pack.

## Parker QuadSEAL – MERV 14



Model Number	Nominal Size (W x H x D) Inches	Actual Size (W x H x D) Inches	Rated Air Flow Capacity (CFM)	Initial Resistance (Inches W.G.) @ Rated Air Flow	Media Area (Square Feet)	MERV
<b>Box Construction</b>						
PQS4-M14-04-NH	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	2000	0.39"	53	14
PQS4-M14-12-NH	20 x 25 x 4	19-3/8 x 24-3/8 x 3-3/4	1750	0.39"	46	14
PQS4-M14-15-NH	20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	1650	0.39"	44	14
PQS4-M14-13-NH	20 x 20 x 4	19-3/8 x 19-3/8 x 3-3/4	1400	0.39"	36	14
PQS4-M14-10-NH	16 x 25 x 4	15-3/8 x 24-3/8 x 3-3/4	1400	0.39"	36	14
PQS4-M14-09-NH	16 x 20 x 4	15-3/8 x 19-3/8 x 3-3/4	1100	0.39"	29	14
PQS4-M14-03-NH	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	1000	0.39"	26	14

- NOTES:
1. Testing per ASHRAE Standard 52.2-2017. Performance based on 492 FPM face velocity for a 24x24 face size.
  2. Rated face velocity 500 FPM.
  3. Recommended final resistance 1.50" W.G.
  4. Width and height dimensions are interchangeable. Filters can be installed with pleats vertical or horizontal.
  5. Maximum Operating Temperature: 200°F (93°C).
  6. Classified per UL 900 for flammability.
  7. Special sizes not available.



Patent # 6,685,833



Your Local Authorized Parker Distributor

**WARNING:** This product can expose you to chemicals, including chromium, styrene, which are known to the State of California to cause cancer, and toluene, which are known to the State of California to cause birth defects and other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

