

# Poly Shield G8 3-Ply Panels & Links MERV 8

*Priced Like A Pleat • Depth-Loading Advantage*



## Poly Shield G8 3-Ply Panels & Links MERV 8

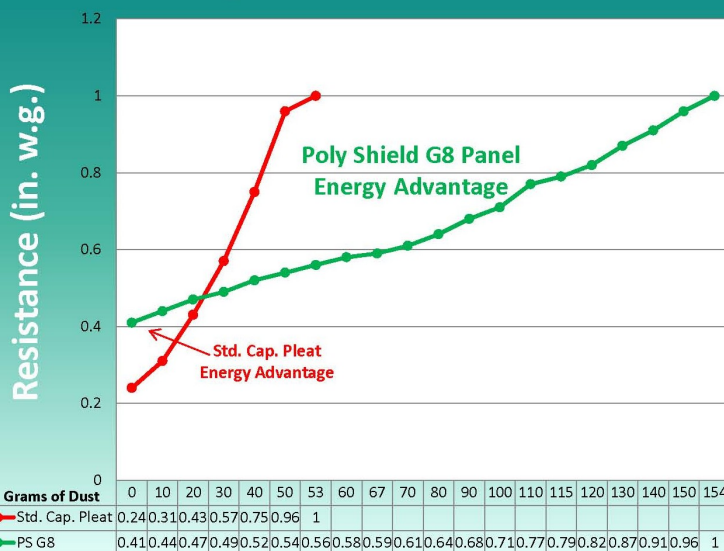
### Simply, The Best Choice!

Poly Shield G8 is an excellent pre-filter choice. It extends the life of the final filter by capturing large particulate while the final filter removes smaller particles. Poly Shield G8 also works as a stand alone in single systems.

### Advantage of Depth-Loading

Its MERV 8 performance utilizes a depth-loading principle, giving it longer service life in any HVAC system. Filter bypass is eliminated due to the tight fit the salvage edges provide.

Poly Shield G8 Panel vs. Std. Cap. Pleat  
Dust Loading to Final Resistance @ 500 FPM



### Poly Shield G8

- A budget-friendly MERV 8 panel that offers high dust-holding capacity and long service-life.
- Low initial resistance - 0.20" w.g. @ 295 fpm
- MERV 8 at 295 fpm and 492 fpm
- Meets new construction phase requirements for LEED certification program.

### Poly Shield G8 Panel Technical Data



#### Poly Shield G8

#### Panel Specifications

Filter shall be a distinct 3-ply design.

A coarse air entering layer, combined with dual-ply composite adhesive coated media, shall provide progressive depth-loading of contaminants.

An internal support grid with cross wires secures the panel in place, preventing fluttering and dirt bypass. The air leaving side, green in color, shall contain a non-drying, non-migratory composite adhesive coating the downstream fibers.

Media shall be MERV 8 in accordance with ASHRAE 52.2-2012

Panel test results in accordance with internal Fiber Bond test method ASHRAE 52.2-2012 (M)

Fiber Bond has a policy of continuous product research and improvement and reserves the right to alter design and specifications without notice.  
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#### Poly Shield G8 Panel

**Filter Media:** Polyester

**Initial Resistance:** 0.20" w.g. at 295 fpm  
0.41" w.g. at 492 fpm

**Flammability:** UL 900 Classified

**Performance:** MERV 8 in accordance with internal Fiber Bond test method ASHRAE 52.2-2012 (M)

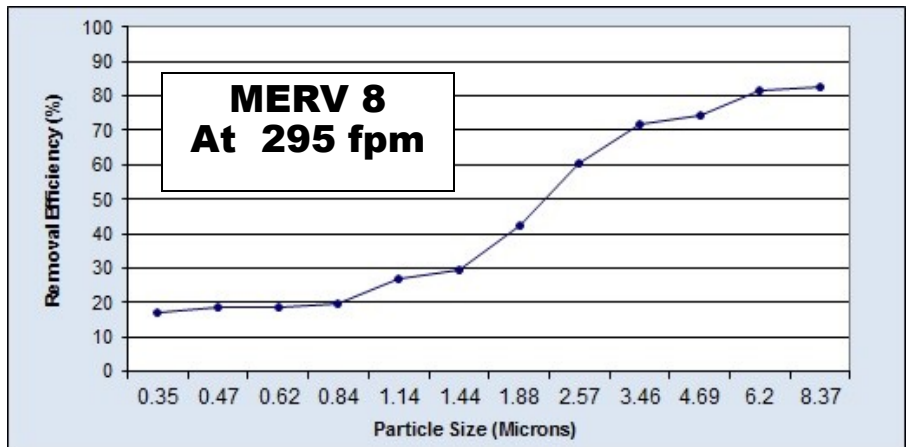
**Dust Holding Capacity:** 211 grams @ 295 fpm  
150 grams @ 492 fpm

**Recommended Final Resistance:** 1.0" w.g.

**Maximum Operating Temperature:** 200° F

#### Poly Shield G8 Panel

#### Initial Particle Removal Efficiency @ 295 fpm



#### Poly Shield G8 Panel

#### Initial Particle Removal Efficiency @ 492 fpm

