

Synthetic High Efficiency STMPXL16A Barrier Filter

High efficiency with low initial resistance to maximize your air filtration performance

Description

Pneumafil's STMPXL 16A V-Cell is a compact high efficiency barrier filter that provides excellent particle capture for such airborne contaminants such as fine dust, smoke, soot, pollen and other dust particles.

The STMPXL 16A filter includes individually spaced geometric glue bead pleat separation. This has proven to provide up to 50% greater media support than with conventional media. This also allows enhanced flow dynamics resulting in lower operating resistance levels.

Benefits

- Low initial pressure drop
- Long life due to high dust holding capacity
- Rugged durability due to high burst strength
- Improved resistance to humidity and moisture over micro-fiberglass versions

Construction

The rugged, UL approved STMP design has a high impact, injection molded plastic frame which is full sealed.

- Media: Two layer composite fiber substrate
- Frame material ABS
- Gasket: Neoprene
- Sealant: Polyurethane
- Pleats per inch: 6.4
- Media pack depth: 1.0"
- UL 900 Class 2 rating



Wide Pleat Spacing



ASHRAE 52.2 - 2012	
Airflow Rate (CFM/m ³ /h)	2520/ 4282
Media Area: Ft ² / m ²	250 / 23.23
Initial Resistance (w.g. / Pa)	0.29/ 72.24
Dust Holding Capacity g @ 1.5" w.c.	500
Initial efficiency # (0.3μ - μ0.4)	98.6%
Composite Efficiency %: E1, E2, E3	99, 100, 100
Rating	MERV 16A

Recommended Pre-Filtration

- MERV 8 – 11 Panel Style Pre-Filter
- Coalescing pad or glove

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