

STMPXL: Extended Length, EN779 F9 Synthetic V-Cell

17" V-Cell: increases life, lowers flow resistance while delivering EN779 F9 Efficiency.

Description

Pneumafil's STMPXL F9 V-Cell is a durable, 17" deep high efficiency barrier filter that provides excellent particle capture for such airborne contaminants as fine dust, smoke, soot, pollen and other dust particles.

The STMPXL F9 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

- Lowest initial pressure drop
- Longest 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: 8
- Media pack depth: 1.0"
- UL 900 Class 2 rating
- 20" w.c. Burst Strength



Wide Pleat Spacing



EN779 - 2012	F9
Airflow Rate (CFM/m ³ /h)	2520/ 4250
Media Area: Ft ² / m ²	290 / 26.91
Initial Resistance (w.g. / Pa)	0.31/ 78
Dust Holding Capacity g @ 1.5" w.c.	462
Initial efficiency @ 0.4μ	98%
Discharged Efficiency @ 0.4μ	96
Average Arrestance (%)	>99

Recommended Pre-Filtration

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

STMPXL: Extended Length, EN779 F9 Synthetic V-Cell

