

# Micratex P

## Fine Dust Filter



CLEAN  
AIR



POWER  
GENERATION



CLEAN  
ROOM



INDUSTRIAL

**Ideal for use in HVAC systems where space is limited, Micratex P provides dependable performance from a compact form. Two versions are available: the deeper Micratex P packs 12.8 m<sup>2</sup> of media into it's 96 mm deep frame, whilst a 48 mm version is designed for use in truly low-space installations.**

The moisture-resistant, plastic frame provides robust-ness and rigidity in all conditions, and features a hollow profile to minimise weight and simplify installation.

The mini-pleated micro-glass media delivers excellent particle separation and hotmelt separators ensure an even air flow across the filter area.

### KEY FACTS

- Air flow up to 3,400 m<sup>3</sup>/h per cell:  
Suited for even the most demanding of application
- Hollow-profile, plastic frame:  
Moisture and corrosion resistant
- Mini-pleated, micro-glass media:  
For excellent particle separation
- Lightweight: Easy to install,  
handle and remove
- Low pressure drop:  
Reduced energy consumption
- Self-supporting and rigid:  
Provides a high burst pressure  
and eliminates dust migration
- Fully-incinerable:  
For simple, environmentally-  
friendly disposal



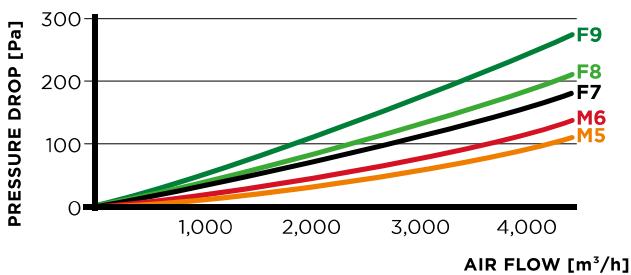
# Micratex P

## Technical Data

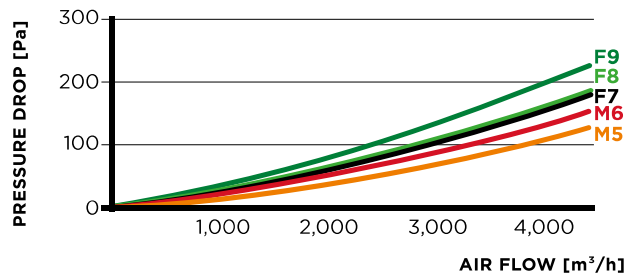
Micratex P - 48 mm	Unit	M5	M6	F7	F8	F9
Initial Pressure Drop (Nominal Air Flow - 3,400 m <sup>3</sup> /h)	Pa	71	91	129	152	198
Initial Pressure Drop (Long-life Air Flow - 2,900 m <sup>3</sup> /h)	Pa	52	71	103	122	161
Initial Efficiency (EN 779:2012)	%	-	-	52	60	85

Micratex P - 96 mm	Unit	M5	M6	F7	F8	F9
Initial Pressure Drop (Nominal Air Flow - 3,400 m <sup>3</sup> /h)	Pa	73	93	125	134	162
Initial Pressure Drop (Long-life Air Flow - 2,900 m <sup>3</sup> /h)	Pa	68	85	98	106	131
Initial Efficiency (EN 779:2012)	%	-	-	45	63	85

MICRATEX P - 48 mm Pressure Drop Performance



MICRATEX P - 96 mm Pressure Drop Performance



Application Parameters	
Continuous Operating Temp.*	≤ 70 °C
Rec. Final Pressure Drop	≤ 450 Pa
Max. Final Pressure Drop	≤ 500 Pa
Burst Pressure (new filter)	max. 600 Pa
Admissible Relative Humidity	< 100%

Materials	
Filter media	Pleated micro-glass fibre
Frame	ABS
Sealant	Polyurethane
Flammability Class	K2/F2 (DIN 53438)
Gasket	PU-foamed

Standard Dimensions	-305	-420	-508	-610
Width/Height (mm)	287	402	490	592
Depth (mm)	48 or 96			

Dimensions refer to DIN EN 15805:2010-09; Further dimensions available upon request; Add 5 mm for compressed gasket; mounting on both sides possible; All values for Micratex P type 610; Filter class according to EN 779:2012; Filter media area installed: Micratex P - 48 mm = 6.3 m<sup>2</sup> / Micratex P - 96 mm = 12.8 m<sup>2</sup>

