

Hepatex PL

The Compact Solution for Highly Pure Air



CLEAN
AIR



POWER
GENERATION



CLEAN
ROOM



INDUSTRIAL

Hepatex PL filters are high-efficiency submicron particulate air filters designed to protect people, equipment and processes from airborne particulate contamination.

Hepatex PL filters are used in situations requiring high or very high levels of air purity. They are primarily designed as intake filters for low turbulence displacement laminar flow clean room ceilings and clean workbenches.

Typical applications can be found in: microelectronics, semiconductor manufacture, medicine, chemistry, pharmacy, microbiology, film and magnetic tape production, compact disk manufacture, laboratories and the food industry.

KEY FACTS

- Available in efficiencies of 95 % and 99.98 % according to EN 1822:
To suit a variety of applications
- Large filter area:
For a long service life
- Anodised aluminium frame: For rigidity, strength and low weight
- 100 % leak-tested: Guaranteed leak-free for assured performance
- Low frame height – only 30 mm:
For space-saving installation
- Fits securely into Filtrasept units:
For use directly at air outlet



Hepatex PL

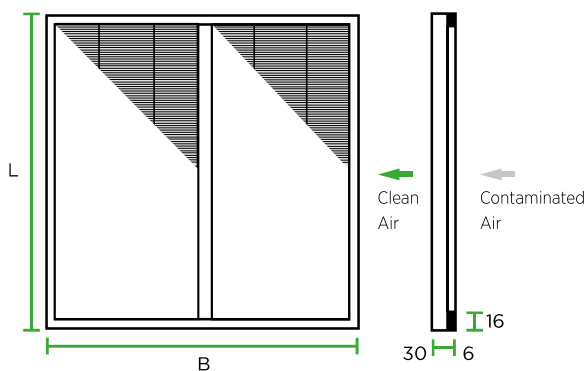
Hepatex PL

Technical Data

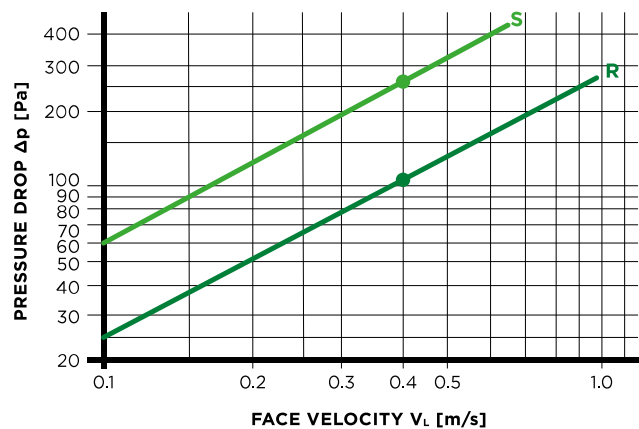
Technical Data	Unit	PL-R	PL-S
Rated Face Velocity *)	m/s	0.40	0.40
Initial Pressure Drop at Rated Face Velocity	Pa	105	250
Final Pressure Drop	Pa	300	500
Filter Medium Area per m ² Face Section *)	m ² /m ²	10	11
Filter Class According to EN 1822	-	E11	H13
Flammability Class According to DIN 53 438	-	K1/F1	K1/F1
Max. Continuous Temperature	°C	125	125
Admissible Relative Air Humidity	%	100	100
Initial Separation Efficiencies: EN 1822 (MPPS-DEHS aerosol)	%	95	99.95

*) Relative to external filter dimensions

DIMENSIONS (mm)



INITIAL PRESSURE DROP



AVAILABLE SIZES

Length L [mm]	Width B [mm]	Face area [m ²]	Air flow @ 0.4 m/s [m ³ /h]	Weight [kg]
204	610	0.12	180	1.2
610	610	0.37	535	3.0
762	610	0.46	670	3.7
915	610	0.56	805	4.4
1,220	610	0.74	1,070	5.8
762	762	0.58	835	4.6

Material Specification

Filter Medium	Micro glass fibre paper
Frame	Anodised aluminium
Sealant	Polyurethane
Gasket	EPDM foam-rubber with closed pores and surface skin