Tecnical data sheet

Designation: H14

Micro SF HEPA filters are the first choice when it comes to the filtration of particulate air pollutants. The filter elements consist of pleated micro glass fiber media and thermoplastic spacers.
Micro SF can be used in many ways for process protection in industry and technology as well as for sterile and clean room environments. They are used to separate suspended matter, such as B. viruses, germs, toxic dusts, etc. Areas of application, among others: In the medical field according to DIN 1946, in operating rooms, intensive care units, laboratories, but also in precision technology.
Due to the special fold geometry and the use of thermoplastic spacers, a higher effective filter surface is achieved than with HEPA filters with aluminum spacers. These filters are virtually metal-free and can therefore be completely incinerated.

Filterclass EN 1822	E11	H13	H14
Efficiency EN 1822 @ MPPS [%]	> 95 %	> 99,95 %	> 99,995 %
Initial ΔP [Pa] at nominal volume flow	125	250	260
Temperature resistance [° C]	65° / opt. 120°	65° / opt. 120°	65° / opt. 120°

Operating environment	max.relative humidity 100% Temperature resistant up to max. 65 ° C
	Thermoplastic separators (minipleat)
Filter medium	high quality fiberglass paper Water-repellent, moisture-resistant 100% boron free, low pressure difference, waterproof, high mechanical strength

Information corresponds to the current state of the art and can be adjusted at any time.

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