



# TEXFILT HEPA FILTERS H10-H14

**H10**  
EN  
1822

**EU10**  
DIN  
24183

**H11**  
EN  
1822

**EU11**  
DIN  
24183

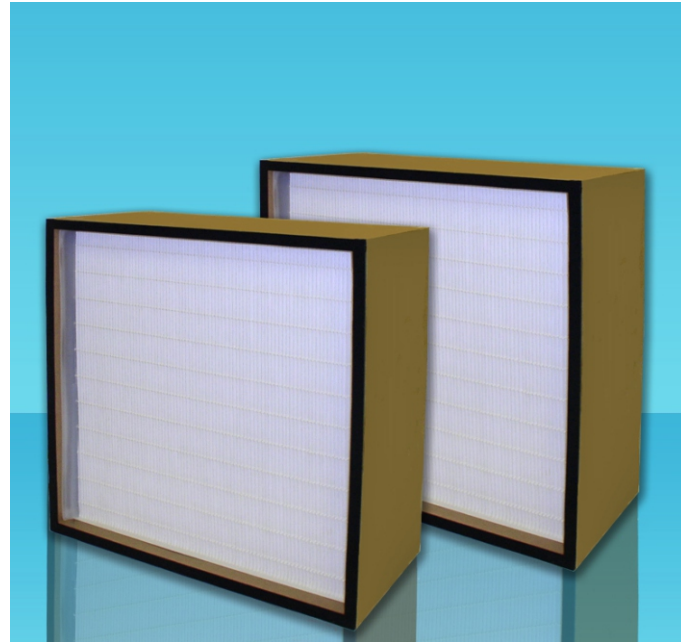
**H13**  
EN  
1822

**EU13**  
DIN  
24183

**H14**  
EN  
1822

**EU14**  
DIN  
24183

- Tested according to EN 1822
- High filter efficiency
- Large surfaces
- Reduced pressure drop
- High dust holding capacity
- Long service life



## The application

HEPA filters in Classes H10 to H13 are used for supply, exhaust and recirculated-airfiltration in ventilation systems with very stringen requirements for clean-air quality and sterility, e.g. in operating theatres and intensive-care units at hospitals, in cleanrooms, in highly sensitive industrial processes like electronics, pharmaceuticals, chemicals, cosmetics, optics, foodstuffs, precision engineering, in handling hazardous substances like carcinogenic dusts, asbestos disposal, heavy metals, in the nuclear industry and its research facilities.

## Features

High-efficiency micro-glassfiber papers are used as filter media. The minipleat technique applied ensures flow-optimized geometry and equidistance of the pleats, and therefore homogeneous air passage at a very low pressure drop.

This results in remarkably economical and reliable operation as well as quasi-laminar downstream air flow.

Each filter element is tested for efficiency and integrity to EN 1822 with leadingedge scan test rig and supplied with the individual test certificate.

## Frame types

### -MDF frame

The frame consists of medium-density fiberboard and is fully incinerable.

### -Plastic frame

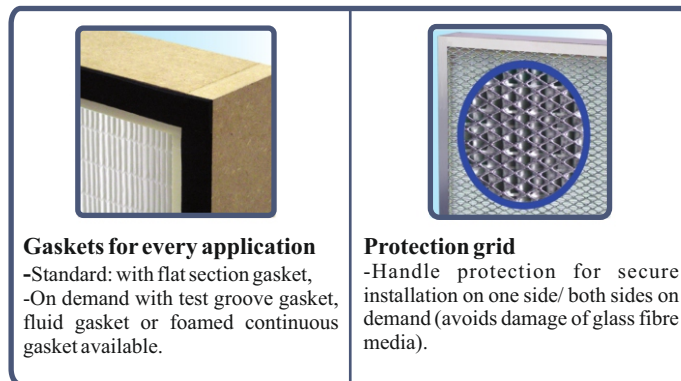
The frame consists of halogen-free plastic and is exceptionally distortion-resistant, moisture-resistant and fully incinerable.

### -Galvanized steel frame

The frame is made of galvanized steel sheets. The extremely solid construction is moisture-resistant and offers high security against the growth of bacteria.

### Extruded aluminium frame

The frame is made of extruded anodized aluminium. The sturdy construction is moisture-resistant and offers complete security against the growth of bacteria.



### Gaskets for every application

-Standard: with flat section gasket,  
-On demand with test groove gasket, fluid gasket or foamed continuous gasket available.

### Protection grid

-Handle protection for secure installation on one side/ both sides on demand (avoids damage of glass fibre media).

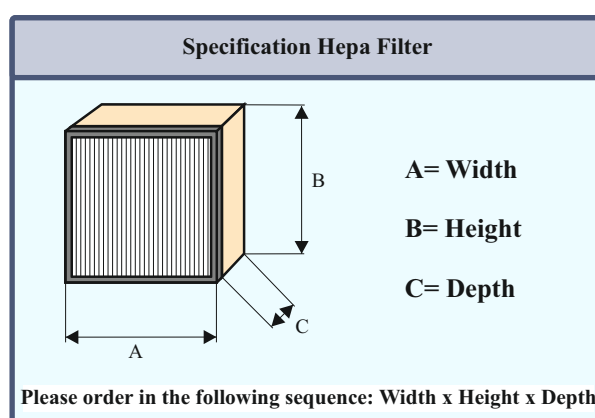


C L E A N   A I R   W I T H   F U L F I L T E R

## Technical data for TEXFILT HEPA H10-H14 Filters

Filter class (EN 1822)	H10	H11	H12	H13
Filter minimum efficiency % for MPPS (EN 1822)	≥ 85%	≥ 95%	≥ 99,5%	≥ 99.95 %
Recommended final pressure drop	Pa	600	600	600
Thermal stability	°C	up to 70 °C	up to 70 °C	up to 70 °C

## Standard sizes for Texfilt HEPA H10-H14 Filters



Dimensions Width x Height x Depth mm	Pleat Depth mm	H10 Volume flow rate at 125 Pa (m <sup>3</sup> /h)	H11 Volume flow rate at 160 Pa (m <sup>3</sup> /h)	H12 Volume flow rate at 220 Pa (m <sup>3</sup> /h)	H13 Volume flow rate at 250 Pa (m <sup>3</sup> /h)
305x305x78(69)	50	360	360	300	300
305x610x78(69)	50	720	720	600	600
457x457x78(69)	50	820	820	680	680
557x557x78(69)	50	1200	1200	1000	1000
575x575x78(69)	50	1320	1320	1100	1100
610x610x78(69)	50	1440	1440	1200	1200
305x305x150	100	420	420	325	325
305x610x150	100	900	900	700	700
457x457x150	100	1040	1040	800	800
557x557x150	100	1560	1560	1200	1200
575x575x150	100	1700	1700	1300	1300
610x610x150	100	2000	2000	1500	1500
305x305x292	200	525	525	450	450
305x610x292	200	1400	1400	1100	1100
457x457x292	200	1600	1600	1300	1300
557x557x292	200	2000	2000	1700	1700
575x575x292	200	2200	2200	1900	1900
610x610x292	200	3000	3000	2500	2500

Special sizes on request

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