

KS BESTFIL (HEPA)

Absolute filters for microparticles – EPA, HEPA, ULPA

Filtration class according to EN 1822:2010

E10 – H14

Delivery options

frame widths: 46, 54, 69, 75, 78,
150, 292 mm

Possibility of regeneration

no



Filter frame

The standard frame (hardened hydrophobic MDF); zinc-coated sheet metal, multilayer wooden board, aluminium or stainless steel if requested.

Separators

Separators are made using the so-called MINIPLEAT technology, when separators consist of a thermally processed melt adhesive. In special cases, the technology of inserted aluminium separators may be used too.

Sealing of the filter pleat in the frame

Two-component polyurethane sealant.

Seals

A special section from EPDM sponge rubber with closed surface. Form and type of the seal: flat, semi-circular, double-edged. Gel seals, U-section seals and seals for high temperatures.

Quality, defectoscopy, SCAN TEST*

All filters - oil mist seepage test for faultlessness, Scantest with a test certificate for extra charge.

Field of application

In areas with the highest demands for air cleanliness. The health sector - laminar ceilings, extensions for clean rooms, pharmaceuticals, microbiology, production of CDs, food-processing industry.

Material

hydrophobic filter paper

Waste disposal

Incineration in appropriate incinerators.

* SCAN TEST = computer controlled test of the filter medium with a laser particle counter.

Advantages of KS Klima-Service

- 100% proper production of KS MIKRO
- own automatic folding of medium with parameters set according to the customer's requirements
- automatic sealing of the filter pleat into the frame using polyurethane sealant
- automatic application of the sealant on the intake, outlet or both sides of the filter according to the customer's requirements
- own non-destructive testing and efficiency measurement in our own scanning apparatus including a test certificate according to EN 1822:2010