

## M plastic/MB Filter

### M plastic / MB filter

The “M plastic / MB filte” filter type is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for the filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers, clean rooms. This panel filter comes in a wide variety of sizes and thicknesses. It is used as a terminal filter for laminar flow hoods and clean room ceilings. The “M plastic / MB filte” filters are tested according to the latest international standards,

ISO 9001, US standard and EN 1822.

Our “M plastic / MB filte” filters are manufactured and packaged in a clean room and are guaranteed to be silicone free.

**Applications:** Final filtration for clean rooms and laminar flow equipment

**Type:** HEPA / ULPA fluid seal filter panel

**Frame:** Plastic 48/68,5/292

**Gasket:** Expanded polyurethane

**Media:** Fiberglass paper

**Separators:** Hot-melt separators

**Sealant:** Polyurethane

**Grid:** Mild steel painted white epoxy upstream and downstream

**Efficiency EN 1822:** H14 and U15

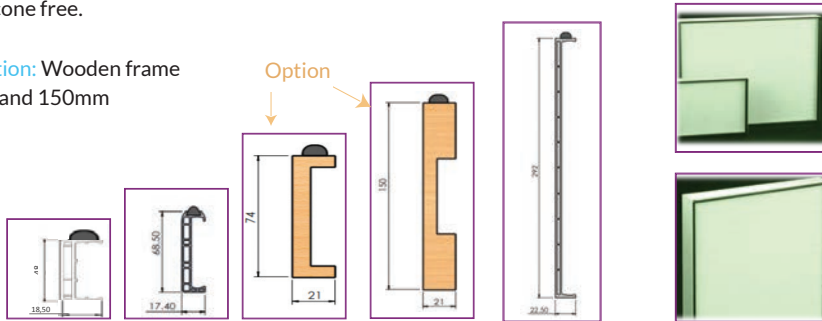
**MPPS efficiency:** 99.995% and 99.9995%

**Temperature:** 70 °C maximum

**Control:** 100%

**Option:** Laminar veil (silk mesh)

**Option:** Wooden frame  
74 and 150mm



Reference	Dimensions [mm]	Efficiency EN 1822	Media area [m <sup>2</sup> ]	Flow / ΔP nominal [m <sup>3</sup> /h/Pa]	Weight [Kg]
M-13-36-48-45-PP-1	305×610×48	H13	4.71	270/110	6
M-13-46-48-45-PP-1	457×610×48	H13	7.03	410/110	8
M-13-66-48-45-PP-1	610×610×48	H13	9.37	550/110	11
M-13-36-68-65-PP-1	305×610×65	H13	5.21	290/100	4
M-13-46-68-65-PP-1	457×610×65	H13	7.81	450/110	5
M-13-66-68-65-PP-1	610×610×65	H13	10.42	600/110	9
M-13-36-292-170-PP-1	305×610×292	H13	14	670/110	7
M-13-46-292-170-PP-1	457×610×292	H13	21	1000/110	9
M-13-66-292-170-PP-1	610×610×292	H13	28	1370/110	12
M-14-36-48-45-PP-1	305×610×48	H14	4.7	270/120	6
M-14-46-48-45-PP-1	457×610×48	H14	7.03	410/120	8
M-14-66-48-45-PP-1	610×610×48	H14	9.37	550/120	11
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M-14-46-292-170-PP-1	457×610×292	H14	21	1000/120	9
M-14-66-292-170-PP-1	610×610×292	H14	28	1370/120	12

\* Filters are available in any specific size on request