MK/MLK Filter

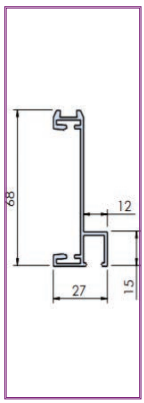
The “MK / MLK” type filter is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for filtration of ultrafine particles. It is used in the following fields: pharmaceutical,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

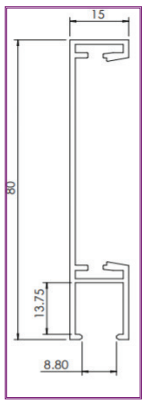
“MK / MLK” filters are tested according to the most recent international standards, ISO 9001, and EN 1822.

The “MK / MLK” is suitable for installation in an air handling unit, for the filtration of clean rooms.

Our “MK / MLK” filters are manufactured and packed 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: Anodized aluminum profile / plastic
Media: Fiberglass paper
Separators: Hot-melt separators / blie gel gasket
Option: Laminar veil
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%





Reference	Dimensions [mm]	Efficiency EN 1822	Media area [m²]	Flow / ΔP nominal [m³/h/Pa]	Weight [Kg]
MK-14-66-AP	562×562×80	H14	8.84	510/120	5
MK-14-67-AP	562×762×80	H14	12	700/120	6
MK-14-69-AP	562×867×80	H14	13.64	790/120	7
MK-14-612-AP	562×1172×80	H14	18.44	1020/120	10
MK-14-79-AP	762×867×80	H14	18.5	1030/120	11
MK-14-99-AP	867×867×80	H14	21.05	1170/120	12
MK-15-612-AP	562×1172×80	U15	18.44	1020/150	11
MLK-14-66-AP	577×577×68	H14	9.3	540/120	5
MLK-14-69-AP	577×882×68	H14	14.3	830/120	7
MLK-14-612-AP	577×1187×68	H14	19.4	1070/120	10
MLK-14-39-AL	355×920×68	H14	9.2	530/120	5

* Filters are available in any specific size on request

M65 Filter

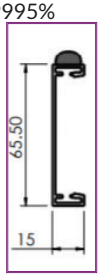
Filter M65

Media

The “M65” 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 “M65” filters are tested according to the latest international standards, ISO 9001, and EN 1822. Our “M65” 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: Anodized aluminum profile
Seal: Clean room gel
Media: Fiberglass paper
Separators: Hot-melt separators
Option: Laminar veil
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: Aluminum frame from 30 to 110mm in 10mm intervals



Reference	Dimensions [mm]	Media area [m²]	Flow [m³/h]/ΔP to 0,45m/s [m³/h/Pa] H14	U15	Weight [Kg]
M-14-33-65-50-AP1	305×305×65	2.6	145/120	145/150	2
M-14-36-65-50-AP1	305×610×65	5.21	290/120	290/150	4
M-14-37-65-50-AP1	305×762×65	6.51	380/120	380/150	5
M-14-39-65-50-AP1	305×915×65	7.81	450/120	450/150	6
M-14-44-65-50-AP1	457×457×65	5.85	333/120	333/150	4
M-14-46-65-50-AP1	457×610×65	7.81	450/120	450/150	5
M-14-49-65-50-AP1	457×915×65	11.71	680/120	680/150	7
M-14-412-65-50-AP1	457×1220×65	15.61	1200/120	1200/150	13
M-14-418-65-50-AP1	457×1830×65	23.42	1380/120	1380/150	17
M-14-66-65-50-AP1	610×610×65	10.42	600/120	600/150	9
M-14-67-65-50-AP1	610×762×65	13.02	750/120	750/150	10
M-14-69-65-50-AP1	610×915×65	15.63	900/120	900/150	12
M-14-612-65-50-AP1	610×1220×65	20.84	1200/120	1200/150	15
M-14-615-65-50-AP1	610×1525×65	26.05	1500/120	1500/150	18
M-14-618-65-50-AP1	610×1830×65	31.26	1800/120	1800/150	20
M-14-77-65-50-AP1	762×762×65	16.26	950/120	950/150	13
M-14-79-65-50-AP1	762×915×65	19.52	1130/120	1130/150	16
M-14-712-65-50-AP1	762×1220×65	26.03	1060/120	1060/150	21
M-14-715-65-50-AP1	762×1525×65	32.54	1900/120	1900/150	24
M-14-718-65-50-AP1	762×1830×65	39.04	2280/120	2280/150	27
M-14-99-65-50-AP1	915×915×65	23.44	1350/120	1350/150	19
M-14-912-65-50-AP1	915×1220×65	31.26	1800/120	1800/150	23
M-14-915-65-50-AP1	915×1525×65	39.07	2250/120	2250/150	26
M-14-918-65-50-AP1	915×1830×65	46.88	2700/120	2700/150	29

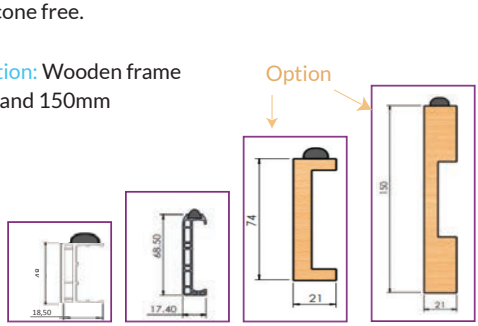
* Filters are available in any specific size on request

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



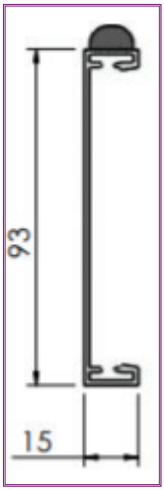
Reference	Dimensions [mm]	Efficiency EN 1822	Media area [m²]	Flow / ΔP nominal [m³/h/Pa]	Weight [Kg]
M-13-36-48-45-PP-1	305×610×48	H13	4.71	270/110	6
M-13-46-48-45-PP-1	457×610×48	H13	7.03	410/110	8
M-13-66-48-45-PP-1	610×610×48	H13	9.37	550/110	11
M-13-36-68-65-PP-1	305×610×65	H13	5.21	290/100	4
M-13-46-68-65-PP-1	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
M-14-36-68-65-PP-1	305×610×65	H14	5.21	290/120	4
M-14-46-68-65-PP-1	457×610×65	H14	7.81	450/120	5
M-14-66-68-65-PP-1	610×610×65	H14	10.42	600/120	9
M-14-36-292-170-PP-1	305×610×292	H14	14	670/120	7
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

M93 Filter

The type “M93” filter 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 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 “M93” filters are tested according to the latest international standards, ISO 9001, US standard and EN 1822. Our “M93” filters are manufactured and packed 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: Anodized aluminum profile
Gasket: Expanded polyurethane
Media: Fiberglass paper
Separators: Hot-melt separators
Sealant: Polyurethane
Grid: Epoxy painted grid 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)



Reference	Dimensions [mm]	Media area [m²]	Flow [m³/h]/ΔP to 0,45m/s [m³/h/Pa] H14	U15	Weight [Kg]
M-14-36-93-78-AP1	305×610×93	7.8	430/120	430/150	5
M-14-37-93-78-AP1	305×762×93	9.75	570/120	570/150	6
M-14-49-93-78-AP1	457×915×93	17.57	1020/120	1020/150	8
M-14-412-93-78-AP1	457×1220×93	23.42	1800/120	1800/150	14
M-14-66-93-78-AP1	610×610×93	15.63	900/120	900/150	10
M-14-67-93-78-AP1	610×762×93	19.53	1120/120	1120/150	11
M-14-69-93-78-AP1	610×915×93	23.45	1300/120	1300/150	13
M-14-612-93-78-AP1	610×1220×93	31.26	1700/120	1700/150	16
M-14-6001210-93-78-AP1	600×1210×93	30.49	1700/120	1700/150	16

* Filters are available in any specific size on request

M150/M292 Filter

The “M150 / 292” type filter 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 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.

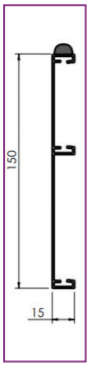
It is used as a terminal filter for laminar flow hoods and in clean room ceilings.

The “M150 / 292” is suitable for installation in an air handling unit, for the filtration of clean rooms.

“M150 / 292” filters are tested according to the most recent and international standards, ISO 9001, US standard and EN 1822. Our “M150 / 292” filters are manufactured and packed in clean rooms and are guaranteed to be silicone free.

Applications: HEPA filter for high air flows
Type: Pleated filter
Frame: Aluminum
Gasket: Expanded polyurethane
Media: Fiberglass paper
Separators: Hot-melt separators
Sealant: Polyurethane
Efficiency EN 1822: H13-H14
MPPS efficiency: 99.95 - 99.995%
Temperature: 70°C maximum
Max relative humidity: 100%
Mounting system: Contact us
Option: Laminar veil (silk mesh)





M150 Profile *M292 Profile*

Reference	Dimensions [mm]	Efficiency EN 1822	Media area [m²]	Flow / ΔP nominal [m³/h/Pa]	Weight [Kg]
M13-33-150-75-AP	305×305×150	H13	3.4	500/250	4
M13-36-150-75-AP	305×610×150	H13	6.7	1000/250	6
M13-46-150-75-AP	457×610×150	H13	10	1500/250	8
M13-66-150-75-AP	610×610×150	H13	13.4	2000/250	11
M13-33-292-170-AP	305×305×292	H13	7	700/250	5
M13-36-292-170-AP	305×610×292	H13	14	1400/250	7
M13-46-292-170-AP	457×610×292	H13	21	2100/250	9
M13-66-292-170-AP	610×610×292	H13	28	2850/250	12
M14-33-150-75-AP	305×305×150	H14	3.4	450/250	4
M14-36-150-75-AP	305×610×150	H14	6.7	900/250	6
M14-46-150-75-AP	457×610×150	H14	10	1400/250	8
M14-66-150-75-AP	610×610×150	H14	13.4	1800/250	11
M14-33-292-170-AP	305×305×292	H14	7	600/250	5
M14-36-292-170-AP	305×610×292	H14	14	1300/250	7
M14-46-292-170-AP	457×610×292	H14	21	1900/250	9
M-14-66-292-170-AP	610×610×292	H14	28	2600/250	12

* Filters are available in any specific size on request

M PTFE Filter

The “M PTFE” type filter 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 filtration of ultrafine particles. The TEMISH NTF9000 series is a high performance air filter that combines a porous PTFE membrane with excellent dust collection properties and a nonwoven fabric chosen for its high performance air filtration / using advanced technology. In the semiconductor industry, higher integration and larger LCD screens create demand for a cleaner environment, and the need for air filters with higher performance increases as a result.

This panel filter comes in a wide variety of sizes and thicknesses. It is used as a final filters for laminar flow hoods and in clean room ceilings. “M PTFE” filters are tested according to the most recent international standards, ISO 9001 and EN 1822. Our “M PTFE” filters are manufactured and packed in a clean room and are guaranteed to be silicone free.

Applications: Final filtration for clean rooms and laminar flow equipment
Type: ULPA filter panel
Frame: Anodized aluminum profile
Gasket: Expanded polyurethane
Media: PTFE paper
Separators: Hot-melt separators
Sealant: Polyurethane
Grid: Epoxy painted grid upstream and downstream
Efficiency EN 1822: U16
MPPS efficiency: 99.9995%
Temperature: 70 ° C maximum
Control: 100%

Reference	Dimensions [mm]	Efficiency EN 1822	Media area [m²]	Flow/ ΔP at 0,45m/s [m³/h/Pa]	Weight [Kg]
M-PTFE-16-36-65-50-AP	305×610×65	U16	5.21	350/120	4
M-PTFE-16-39-65-50-AP	305×915×65	U16	7.81	540/120	6
M-PTFE-16-66-65-50-AP	610×610×65	U16	10.42	720/120	9
M-PTFE-16-69-65-50-AP	610×915×65	U16	15.63	1050/120	12
M-PTFE-16-612-65-50-AP	610×1220×65	U16	20.84	1400/120	15

* Filters are available in any specific size on request