

M PTFE Filter

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

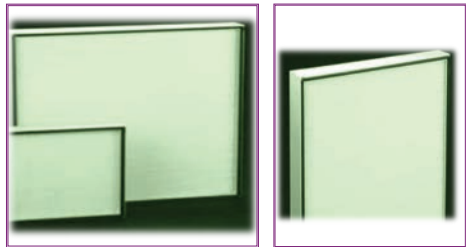
Grid: Epoxy painted grid upstream and downstream

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

