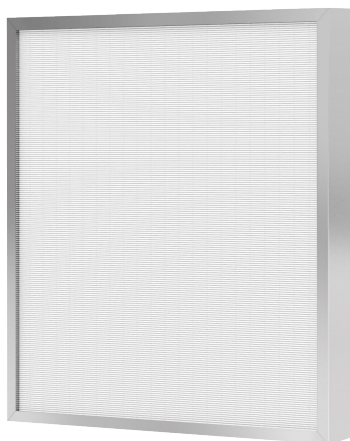


MEGALAM ENERGUARD HEPA ULPA PANEL FILTER FOR CLEANROOMS



ADVANTAGES

- The combination of frame, sealant, and robust media provides a filter resistant to damage during transport, handling, installation, and room operation.
- Efficiencies of 99.95% (H13), 99.995% (H14), and 99.9995% (U15) at 0.1-0.2 μm in pack depths of 45mm, 53mm, and 70mm.
- Innovative HEPA filter featuring polymeric media with a distinctive structure of multi-functional fibers providing micron, sub-micron, and nanoparticle filtration.

Application	Life sciences applications requiring terminal HEPA filtration including pharmaceutical, biotechnology, and healthcare facilities. Microelectronic applications requiring terminal HEPA filtration including semiconductor, microelectronic, wafer, and photolithography areas. See market-specific product sheets for models related to the above applications.
Frame	Anodized aluminium
Gasket	Silicone Gel; Seamless PU foamed gasket
Media	Multi-fiber polymeric
Separator	Hot-melt
Sealant	Polyurethane
Grille, Downstream	Expanded metal painted (RAL 9010)
Max. final pressure drop	MD: 500 Pa, MX: 600 Pa
Max airflow	Nominal flow rate (if not, efficiency drops)
Max Temperature (°C)	70°C
Relative Humidity max	100%
Comment	Tested in accordance with IEST Recommended Practice for Testing HEPA Filters. Listed by Underwriters Laboratories as UL 900. Please do not challenge with aerosol concentrations higher than 30mg/m ³ .