

High Efficiency Particulate Mini-Pleated Air Filter (PTFE)

M-HII-PTFE



HEPA / ULPA Filter

Applications



Cleanroom



General



Semiconductor



Industrial

Product Features

Operating Conditions

Continuous operating temperature: Max. 80°C
Operating relative humidity: ≤100 (%RH)



Frame

Material: Anodized extruded aluminium profile
Thickness: 30mm, 50mm, 70mm



Media

Material: PTFE with low outgassing



Efficiency (EN1822:2009)

H13, H14



Faceguard

Material: Epoxy powder coated steel, aluminium



Low Initial Pressure Drop

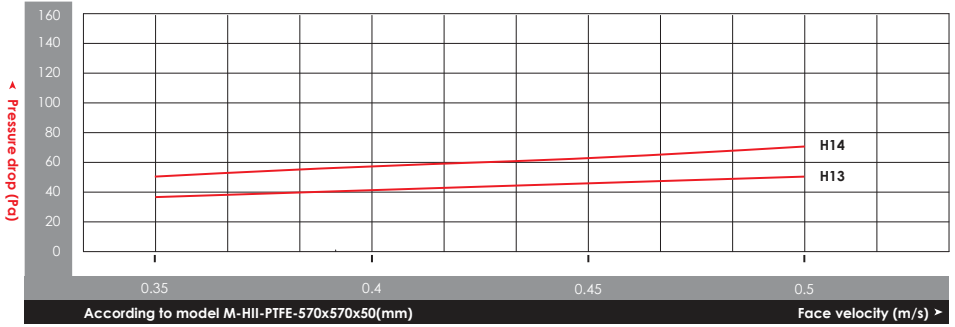


Sealant

Material: Polyurethane glue



Graph Of Initial Pressure Drop Versus Face Velocity



Product Specifications

| Nominal Dimension | Actual Dimension | Thickness | Face Velocity | Initial Pressure Drop |
|-------------------|------------------|-----------|---------------|-----------------------|
| (foot) | (mm) | (mm) | (m/s) | (Pa) |
| WxH | WxH | | | H13 H14 |
| 2x2 | 570x570 | 30 | 0.35 | 52 74 |
| 2x4 | 570x1170 | | 0.35 | 52 74 |
| 4x4 | 1170x1170 | | 0.35 | 52 74 |
| 2x2 | 570x570 | 50 | 0.45 | 45 63 |
| 2x4 | 570x1170 | | 0.45 | 45 63 |
| 4x4 | 1170x1170 | | 0.45 | 45 63 |
| 2x2 | 570x570 | 70 | 0.45 | 27 38 |
| 2x4 | 570x1170 | | 0.45 | 27 38 |
| 4x4 | 1170x1170 | | 0.45 | 27 38 |

Remarks: 1. Tolerance of initial pressure drop is ± 10%.
2. Tolerance of dimension is ± 3mm.
3. Other dimensions are available upon request.