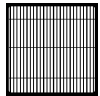


Nanoclass Square Pro Membrane FC

Product Range



Features



Applications



Filter Class



KEY FACTS

- High efficiency (H14 > 99.995 % at MPPS)
- Available in depths of 69 and 90 mm
- High tensile strength
- 100% boron free
- Minipleat technology for laminar flow
- Extremely low pressure drop
- Guaranteed leak free

DESIGN

e-PTFE membrane filter media folded into a pack and sealed into an anodized aluminum frame. A continuous, one-piece gasket ensures a perfect seal between the filter assembly and its housing. Grid to front and rear faces.

APPLICATIONS

Final filter for clean rooms and clean workbenches. For separation of viruses, bacteria, toxic dust and aerosols, in hospitals/medical institutes, chemists, laboratories, clean rooms, pharmacy, food processing industry, microelectronics.

Nanoclass Square Pro Membrane FC

PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m ³ /h	Pa
H14	305 x 305 x 69	150	55
H14	305 x 610 x 69	300	55
H14	305 x 762 x 69	375	55
H14	305 x 915 x 69	450	55
H14	457 x 457 x 69	350	55
H14	457 x 610 x 69	450	55
H14	610 x 610 x 69	600	55
H14	610 x 762 x 69	750	55
H14	610 x 915 x 69	900	55
H14	610 x 1220 x 69	1200	55
H14	762 x 915 x 69	1130	55
H14	762 x 1220 x 69	1500	55
H14	1220 x 1220 x 69	2400	55

Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m ³ /h	Pa
H14	305 x 305 x 90	150	55
H14	305 x 610 x 90	300	55
H14	305 x 762 x 90	375	55
H14	305 x 915 x 90	450	55
H14	457 x 457 x 90	350	55
H14	457 x 610 x 90	450	55
H14	610 x 610 x 90	600	55
H14	610 x 762 x 90	750	55
H14	610 x 915 x 90	900	55
H14	610 x 1220 x 90	1200	55
H14	762 x 915 x 90	1130	55
H14	762 x 1220 x 90	1500	55
H14	1220 x 1220 x 90	2400	55

SPECIFICATION

Recommended air flow	Flow rate ± 10 %	Recommended final pressure drop	450 Pa (max. 600 Pa)
Heat resistance	Up to 70 °C (Peak 90 °C)	Moisture resistance	100 % rel. humidity
Regenerable	No	Incinerable	No

OPTIONS

Gasket	Continuous polyurethane gasket, 1 or 2 sides
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