

Nanoclass Square Pro Membrane FC

Product Range



Features



Applications



Filter Class

H



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.

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PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m ³ /h	Pa
800522024166	H14	305 x 305 x 69	150	55
800522024167	H14	305 x 610 x 69	300	55
800522024168	H14	305 x 762 x 69	375	55
800522024169	H14	305 x 915 x 69	450	55
800522024170	H14	457 x 457 x 69	350	55
800522024171	H14	457 x 610 x 69	450	55
800522024172	H14	610 x 610 x 69	600	55
800522024173	H14	610 x 762 x 69	750	55
800522024174	H14	610 x 915 x 69	900	55
800522024176	H14	610 x 1220 x 69	1200	55
800522024175	H14	762 x 915 x 69	1130	55
800522024177	H14	762 x 1220 x 69	1500	55
800522024178	H14	1220 x 1220 x 69	2400	55

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m ³ /h	Pa
800522024179	H14	305 x 305 x 90	150	55
800522024180	H14	305 x 610 x 90	300	55
800522024181	H14	305 x 762 x 90	375	55
800522024182	H14	305 x 915 x 90	450	55
800522024183	H14	457 x 457 x 90	350	55
800522024184	H14	457 x 610 x 90	450	55
800522024185	H14	610 x 610 x 90	600	55
800522024186	H14	610 x 762 x 90	750	55
800522024187	H14	610 x 915 x 90	900	55
800522024189	H14	610 x 1220 x 90	1200	55
800522024188	H14	762 x 915 x 90	1130	55
800522024190	H14	762 x 1220 x 90	1500	55
800522024191	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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