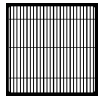# Nanoclass Square Pro Membrane TC

Product Range

Pro

Features

Applications

Filter Class

H

KEY FACTS

- High efficiency (H14 > 99.995 % at MPPS)
- Self-healing, fluid gel gasket
- Available in depths of 80 and 104 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 fluid gel 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 TC

PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop	Filter Class	Dimensions	Flow Rate	Pressure Drop
EN 1822	mm	m³/h	Pa	EN 1822	mm	m³/h	Pa
H14	305 x 305 x 104	150	55	H14	610 x 610 x 104	600	55
H14	305 x 610 x 104	300	55	H14	610 x 762 x 104	750	55
H14	305 x 762 x 104	375	55	H14	610 x 915 x 104	900	55
H14	305 x 915 x 104	450	55	H14	610 x 1220 x 104	1200	55
H14	457 x 457 x 104	350	55	H14	762 x 1220 x 104	1500	55
H14	457 x 610 x 104	450	55	H14	1220 x 1220 x 104	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	Self-healing fluid gel gasket