

# Nanoclass Square Pro Membrane KE

## Product Range



## Features



## Applications



## Filter Class

H



## KEY FACTS

- High efficiency (H14 > 99.995 % at MPPS)
- Integral knife-edge for use with gel-seal grid ceiling systems
- Available in depth of 109 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 with integrated knife-edge.

## APPLICATIONS

Final filter for clean rooms and clean workbenches that use gel-seal grid systems. 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 <sup>3</sup> /h	Pa
800522024205	H14	305 x 305 x 109	150	55
800522024206	H14	305 x 610 x 109	300	55
800522024207	H14	305 x 762 x 109	375	55
800522024208	H14	305 x 915 x 109	450	55
800522024209	H14	457 x 457 x 109	350	55
800522024210	H14	457 x 610 x 109	450	55
800522024211	H14	610 x 610 x 109	600	55

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800522024212	H14	610 x 762 x 109	750	55
800522024213	H14	610 x 915 x 109	900	55
800522024215	H14	610 x 1220 x 109	1200	55
800522024214	H14	762 x 915 x 109	1130	55
800522024216	H14	762 x 1220 x 109	1500	55
800522024217	H14	1220 x 1220 x 109	2400	55
800522024217	H14	1220 x 1220 x 109	2400	55

## SPECIFICATION

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

## OPTIONS

<b>Gasket</b>	Continuous polyurethane foam or flat neoprene
<b>Grid</b>	1 or 2 sides