

# Nanoclass Square Eco TC

## Product Range



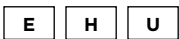
## Features



## Applications



## Filter Class



## KEY FACTS

- High efficiency (H13 > 99.95 %, H14 > 99.995 % at MPPS)
- Available in filter classes E11 to U16
- Self-healing, fluid gel gasket
- Available in depths of 80 and 104 mm
- Minipleat technology for laminar flow
- Low pressure drop
- Guaranteed leak free

## DESIGN

Filter medium constructed from various grades of microglass fiber paper folded into a pack. As standard, the pack is sealed into an anodized aluminum frame with a fluid gel gasket to ensure 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 <sup>3</sup> /h	Pa
800521024037	H13	305 x 610 x 80	300	90
800521024038	H13	305 x 762 x 80	375	90
800521024039	H13	305 x 915 x 80	450	90
800521024041	H13	457 x 610 x 80	450	90
800521024042	H13	610 x 610 x 80	600	90
800521024043	H13	610 x 762 x 80	750	90
800521024044	H13	610 x 915 x 80	900	90
800521024046	H13	610 x 1220 x 80	1200	90
800521024047	H13	762 x 1220 x 80	1500	90
800521024154	H13	305 x 610 x 104	300	85
800521024155	H13	305 x 762 x 104	375	85
800521024156	H13	305 x 915 x 104	450	85
800521024158	H13	457 x 610 x 104	450	85
800521024159	H13	610 x 610 x 104	600	85
800521024160	H13	610 x 762 x 104	750	85
800521024161	H13	610 x 915 x 104	900	85
800521024163	H13	610 x 1220 x 104	1200	85
800521024164	H13	762 x 1220 x 104	1500	85

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800521024050	H14	305 x 610 x 80	300	100
800521024051	H14	305 x 762 x 80	375	100
800521024052	H14	305 x 915 x 80	450	100
800521024054	H14	457 x 610 x 80	450	100
800521024055	H14	610 x 610 x 80	600	100
800521024056	H14	610 x 762 x 80	750	100
800521024057	H14	610 x 915 x 80	900	100
800521024059	H14	610 x 1220 x 80	1200	100
800521024060	H14	762 x 1220 x 80	1500	100
800521024063	H14	305 x 610 x 104	300	95
800521024064	H14	305 x 762 x 104	375	95
800521024065	H14	305 x 915 x 104	450	95
800521024067	H14	457 x 610 x 104	450	95
800521024068	H14	610 x 610 x 104	600	95
800521024069	H14	610 x 762 x 104	750	95
800521024070	H14	610 x 915 x 104	900	95
800521024072	H14	610 x 1220 x 104	1200	95
800521024073	H14	762 x 1220 x 104	1500	95

## 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>	Self-healing fluid gel gasket
<b>Depth</b>	80, 102, 104 mm*

\*102 mm technical values are the same as 104 mm