

Nanoclass Square Eco

TC

Product Range



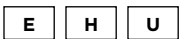
Features



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 ³ /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 ³ /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

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
Depth	80, 102, 104 mm*

*102 mm technical values are the same as 104 mm