

Nanoclass Square Pro

FL HT

Product Range



Features



Applications



Filter Class



KEY FACTS

- High efficiency (H13 > 99.95 %, H14 > 99.995 % at MPPS)
- High temperature resistance up to 120 °C
- Available in depths of 75 and 95 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. Continuous thread separators coated with adhesive support the pleats. As standard, the pack is sealed into an anodized aluminum frame.

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
800525024089	H13	305 x 610 x 75	300	90
800525024092	H13	457 x 457 x 75	350	90
800525024093	H13	457 x 610 x 75	450	90
800525024094	H13	610 x 610 x 75	600	90
800525024095	H13	610 x 762 x 75	750	90
800525024096	H13	610 x 915 x 75	900	90
800525024098	H13	610 x 1220 x 75	1200	90
800525024099	H13	762 x 1220 x 75	1500	90
800525024100	H13	1220 x 1220 x 75	2400	90
800525024115	H13	305 x 610 x 95	300	90
800525024118	H13	457 x 457 x 95	350	90
800525024119	H13	457 x 610 x 95	450	90
800525024120	H13	610 x 610 x 95	600	90
800525024121	H13	610 x 762 x 95	750	90
800525024122	H13	610 x 915 x 95	900	90
800525024124	H13	610 x 1220 x 95	1200	90
800525024125	H13	762 x 1220 x 95	1500	90
800525024126	H13	1220 x 1220 x 95	2400	90

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m ³ /h	Pa
800525024102	H14	305 x 610 x 75	300	105
800525024105	H14	457 x 457 x 75	350	105
800525024106	H14	457 x 610 x 75	450	105
800525024107	H14	610 x 610 x 75	600	105
800525024108	H14	610 x 762 x 75	750	105
800525024109	H14	610 x 915 x 75	900	105
800525024111	H14	610 x 1220 x 75	1200	105
800525024112	H14	762 x 1220 x 75	1500	105
800525024113	H14	1220 x 1220 x 75	2400	105
800525024128	H14	305 x 610 x 95	300	100
800525024131	H14	457 x 457 x 95	350	100
800525024132	H14	457 x 610 x 95	450	100
800525024133	H14	610 x 610 x 95	600	100
800525024134	H14	610 x 762 x 95	750	100
800525024135	H14	610 x 915 x 95	900	100
800525024137	H14	610 x 1220 x 95	1200	100
800525024138	H14	762 x 1220 x 95	1130	100
800525024139	H14	1220 x 1220 x 95	2400	100

SPECIFICATION

Recommended air flow	Flow rate ± 10 %	Recommended final pressure drop	450 Pa (max. 600 Pa)
Heat resistance	Up to 120 °C	Moisture resistance	100 % rel. humidity
Regenerable	No	Incinerable	No

OPTIONS

Gasket	Neoprene flat gasket, 1 or 2 sides
Grid	1 or 2 sides