

# Nanoclass Square Pro

## FL HT

### Product Range



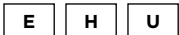
### Features



### Applications



### Filter Class



### KEY FACTS

- High efficiency (H13 > 99.95 %, H14 > 99.995 % at MPPS)
- Available in filter classes E11 to U16
- 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 <sup>3</sup> /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 <sup>3</sup> /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

<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 120 °C	<b>Moisture resistance</b>	100 % rel. humidity
<b>Regenerable</b>	No	<b>Incinerable</b>	No

### OPTIONS

<b>Gasket</b>	Neoprene flat gasket, 1 or 2 sides
<b>Grid</b>	1 or 2 sides