

# Nanoclass Square Eco FC

## Product Range



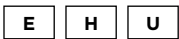
## Features



## Applications



## Filter Class



## KEY FACTS

- High efficiency (H13 > 99.95 %, H14 > 99.995 % at MPPS)
- Available in filter classes E11 to U16
- Available in depths of 69, 78, 90, 110 and 150 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 continuous, one-piece 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.

# Nanoclass Square Eco FC

## PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800521023906	H13	305 x 305 x <b>69</b>	150	95
800521023907	H13	305 x 610 x 69	300	95
800521023908	H13	305 x 762 x 69	375	95
800521023909	H13	305 x 915 x 69	450	95
800521023910	H13	457 x 457 x 69	350	95
800521023911	H13	457 x 610 x 69	450	95
800521023912	H13	610 x 610 x 69	600	95
800521023913	H13	610 x 762 x 69	750	95
800521023914	H13	610 x 915 x 69	900	95
800521023916	H13	610 x 1220 x 69	1200	95
800521023915	H13	762 x 915 x 69	1130	95
800521023917	H13	762 x 1220 x 69	1500	95
800521023918	H13	1220 x 1220 x 69	2400	95
800521023932	H13	305 x 305 x <b>78</b>	150	95
800521023933	H13	305 x 610 x 78	300	95
800521023934	H13	305 x 762 x 78	375	95
800521023935	H13	305 x 915 x 78	450	95
800521023936	H13	457 x 457 x 78	350	95
800521023937	H13	457 x 610 x 78	450	95
800521023938	H13	610 x 610 x 78	600	95
800521023939	H13	610 x 762 x 78	750	95
800521023940	H13	610 x 915 x 78	900	95
800521023942	H13	610 x 1220 x 78	1200	95
800521023941	H13	762 x 915 x 78	1130	95
800521023943	H13	762 x 1220 x 78	1500	95
800521023944	H13	1220 x 1220 x 78	2400	95

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800521023958	H13	305 x 305 x <b>90</b>	150	90
800521023959	H13	305 x 610 x 90	300	90
800521023960	H13	305 x 762 x 90	375	90
800521023961	H13	305 x 915 x 90	450	90
800521023962	H13	457 x 457 x 90	350	90
800521023963	H13	457 x 610 x 90	450	90
800521023964	H13	610 x 610 x 90	600	90
800521023965	H13	610 x 762 x 90	750	90
800521023966	H13	610 x 915 x 90	900	90
800521023968	H13	610 x 1220 x 90	1200	90
800521023967	H13	762 x 915 x 90	1130	90
800521023969	H13	762 x 1220 x 90	1500	90
800521023970	H13	1220 x 1220 x 90	2400	90
800521023984	H13	305 x 305 x <b>110</b>	150	90
800521023985	H13	305 x 610 x 110	300	90
800521023986	H13	305 x 762 x 110	375	90
800521023987	H13	305 x 915 x 110	450	90
800521023988	H13	457 x 457 x 110	350	90
800521023989	H13	457 x 610 x 110	450	90
800521023990	H13	610 x 610 x 110	600	90
800521023991	H13	610 x 762 x 110	750	90
800521023992	H13	610 x 915 x 110	900	90
800521023994	H13	610 x 1220 x 110	1200	90
800521023993	H13	762 x 915 x 110	1130	90
800521023995	H13	762 x 1220 x 110	1500	90
800521023996	H13	1220 x 1220 x 110	2400	90

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## PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800521024010	H13	305 x 305 x 150	150	85
800521024011	H13	305 x 610 x 150	300	85
800521024012	H13	305 x 762 x 150	375	85
800521024013	H13	305 x 915 x 150	450	85
800521024014	H13	457 x 457 x 150	350	85
800521024015	H13	457 x 610 x 150	450	85
800521024016	H13	610 x 610 x 150	600	85
800521024017	H13	610 x 762 x 150	750	85
800521024018	H13	610 x 915 x 150	900	85
800521024020	H13	610 x 1220 x 150	1200	85
800521024019	H13	762 x 915 x 150	1130	85
800521024021	H13	762 x 1220 x 150	1500	85
800521024022	H13	1220 x 1220 x 150	2400	85
800521023919	H14	305 x 305 x 69	150	105
800521023920	H14	305 x 610 x 69	300	105
800521023921	H14	305 x 762 x 69	375	105
800521023922	H14	305 x 915 x 69	450	105
800521023923	H14	457 x 457 x 69	350	105
800521023924	H14	457 x 610 x 69	450	105
800521023925	H14	610 x 610 x 69	600	105
800521023926	H14	610 x 762 x 69	750	105
800521023927	H14	610 x 915 x 69	900	105
800521023929	H14	610 x 1220 x 69	1200	105
800521023928	H14	762 x 915 x 69	1130	105
800521023930	H14	762 x 1220 x 69	1500	105
800521023931	H14	1220 x 1220 x 69	2400	105

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800521023945	H14	305 x 305 x 78	150	105
800521023946	H14	305 x 610 x 78	300	105
800521023947	H14	305 x 762 x 78	375	105
800521023948	H14	305 x 915 x 78	450	105
800521023949	H14	457 x 457 x 78	350	105
800521023950	H14	457 x 610 x 78	450	105
800521023951	H14	610 x 610 x 78	600	105
800521023952	H14	610 x 762 x 78	750	105
800521023953	H14	610 x 915 x 78	900	105
800521023955	H14	610 x 1220 x 78	1200	105
800521023954	H14	762 x 915 x 78	1130	105
800521023956	H14	762 x 1220 x 78	1500	105
800521023957	H14	1220 x 1220 x 78	2400	105
800521023971	H14	305 x 305 x 90	150	100
800521023972	H14	305 x 610 x 90	300	100
800521023973	H14	305 x 762 x 90	375	100
800521023974	H14	305 x 915 x 90	450	100
800521023975	H14	457 x 457 x 90	350	100
800521023976	H14	457 x 610 x 90	450	100
800521023977	H14	610 x 610 x 90	600	100
800521023978	H14	610 x 762 x 90	750	100
800521023979	H14	610 x 915 x 90	900	100
800521023981	H14	610 x 1220 x 90	1200	100
800521023980	H14	762 x 915 x 90	1130	100
800521023982	H14	762 x 1220 x 90	1500	100
800521023983	H14	1220 x 1220 x 90	2400	100

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## PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800521023997	H14	305 x 305 x <b>110</b>	150	100
800521023998	H14	305 x 610 x 110	300	100
800521023999	H14	305 x 762 x 110	375	100
800521024000	H14	305 x 915 x 110	450	100
800521024001	H14	457 x 457 x 110	350	100
800521024002	H14	457 x 610 x 110	450	100
800521024003	H14	610 x 610 x 110	600	100
800521024004	H14	610 x 762 x 110	750	100
800521024005	H14	610 x 915 x 110	900	100
800521024007	H14	610 x 1220 x 110	1200	100
800521024006	H14	762 x 915 x 110	1130	100
800521024008	H14	762 x 1220 x 110	1500	100
800521024009	H14	1220 x 1220 x 110	2400	100

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m <sup>3</sup> /h	Pa
800521024023	H14	305 x 305 x <b>150</b>	150	95
800521024024	H14	305 x 610 x 150	300	95
800521024025	H14	305 x 762 x 150	375	95
800521024026	H14	305 x 915 x 150	450	95
800521024027	H14	457 x 457 x 150	350	95
800521024028	H14	457 x 610 x 150	450	95
800521024029	H14	610 x 610 x 150	600	95
800521024030	H14	610 x 762 x 150	750	95
800521024031	H14	610 x 915 x 150	900	95
800521024033	H14	610 x 1220 x 150	1200	95
800521024032	H14	762 x 915 x 150	1130	95
800521024034	H14	762 x 1220 x 150	1500	95
800521024035	H14	1220 x 1220 x 150	2400	95

## SPECIFICATION

<b>Recommended air flow</b>	Flow rate ± 15 %	<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 gasket, 1 or 2 sides
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