

Nanoclass Square Eco FC

Product Range



Features



Applications



Filter Class

H



KEY FACTS

- High efficiency (H13 > 99.95 %, H14 > 99.995 % at MPPS)
- 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 ³ /h	Pa
800521023906	H13	305 x 305 x 69	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 78	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 ³ /h	Pa
800521023958	H13	305 x 305 x 90	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 110	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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Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m ³ /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 ³ /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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Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m ³ /h	Pa
800521023997	H14	305 x 305 x 110	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 ³ /h	Pa
800521024023	H14	305 x 305 x 150	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

Recommended air flow	Flow rate ± 15 %	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	Continuous polyurethane gasket, 1 or 2 sides
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