Nanoclass Cube Pro

Product Range

Pro

Features

Applications

Filter Class

E

KEY FACTS

- Fits all commonly used filter frame
- Industry-leading burst resistance
- Fully incinerable
- Recyclable materials for simple, environmentally friendly disposal
- High efficiencies at low pressure drops

DESIGN

Pleated filter cells with hotmelt or special thread separators to ensure the even spacing of the pleats. Robust, hollow-profile plastic frame made from fully incinerable and recyclable materials. Foamed one-piece PU-gasket can be applied on 1 or 2 sides.

APPLICATIONS

Fine dust filter for pre or main filtration for various cleanroom systems.

Nanoclass Cube Pro

PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m³/h	Pa
800581000241	**E10**	592 x 287 x 300	2150	190
800581000242	E10	592 x 490 x 300	2800	190
800581000240	E10	592 x 592 x 300	3400	190
800581000254	**E11**	592 x 287 x 300	1800	180
800581000255	E11	592 x 490 x 300	2800	180
800581000184	E11	592 x 592 x 300	3400	180
800581000268	**E12**	592 x 287 x 300	1800	290
800581000269	E12	592 x 490 x 300	2800	290
800581000267	E12	592 x 592 x 300	3400	290

SPECIFICATION

Recommended air flow	Flow rate ± 20 %	**Recommended final pressure drop**	450 Pa (max. 800 Pa)
Heat resistance	Max. 80 °C	**Moisture resistance**	100 % rel. humidity
Regenerable	No	**Incinerable**	Yes

OPTIONS

Gasket	Continuous polyurethane foam, 1 or 2 sides

Nanoclass Cube Pro HT

Product Range

Pro

Features

Applications

Filter Class

E

KEY FACTS

- High temperature 120 °C
- Air flow rates up to 5000 m^3/h
- High efficiency
- Low pressure drop
- Stable construction and low weight
- Top cost-benefit ratio

DESIGN

Compact filter with a four-V design made of a high temperature resistant plastic for a lightweight, stable construction. Integrated handle for easy transportation and installation.

APPLICATIONS

Fine dust filter for pre or main filtration for various cleanroom systems.

Nanoclass Cube Pro HT

PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Flow Rate	Pressure Drop
	EN 1822	mm	m³/h	Pa
800591029851	E10	592 x 287 x 300	1700	190
800591029850	E10	592 x 592 x 300	3400	190
800591029855	E11	592 x 287 x 300	1700	180
800591029854	E11	592 x 592 x 300	3400	180

SPECIFICATION

Recommended air flow	Flow rate ± 20 %	**Recommended final pressure drop**	450 Pa (max. 800 Pa)
Heat resistance	Max. 120 °C	**Moisture resistance**	100 % rel. humidity
Regenerable	No	**Incinerable**	Yes

OPTIONS

Gasket	EPDM flat or silicon gasket, 1 or 2 sides