



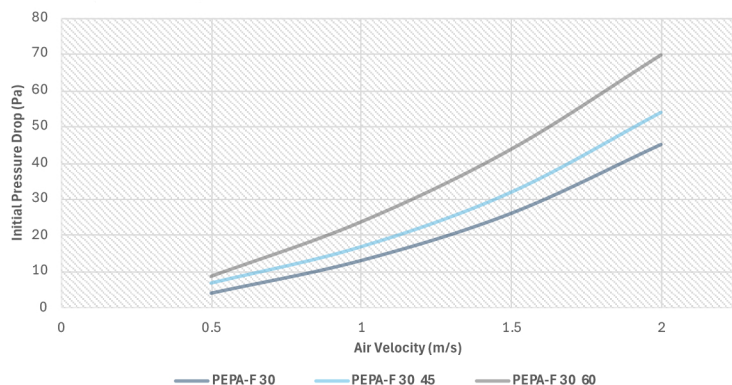
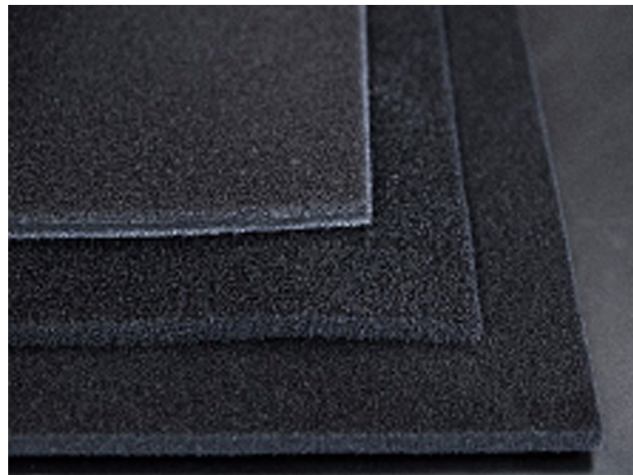
PEPA-F™ Foam Mat Filter Data Sheet

Release Date: 02/12/24

Version: V5

Application:

PEPA-F™ 10mm depth reticulated foam mat air filter media, treated optionally with intelligent Anti-microbial technology.



Filter media and design

Reticulated foams are a specialised type of polyurethane foam, these materials offer low pressure drop and high dust capacity. The PEPA-F™ increases service life, requiring less frequent replacement.

Special Features

Various post treatment options including high flame-retardancy to EN45545-2, ISO3795 and FMVSS302 Our filter media offer superior resistance to chemicals, solvents, UV, temperature, and ageing.

Air Filter Foam Mat		PEPA-F 30	PEPA-F 30_45	PEPA-F 30_60
Depth	mm	10	10	8
Face Velocity	m/s	2	2	2
Initial Pressure Drop at 2m/s	Pa	44	54	69
Filter Class ISO16890		ISO Coarse 70%	ISO Coarse 85%	ePM10 55%
ISO16890 ePM1	%	n/a	n/a	1%
ISO16890 ePM2.5	%	n/a	n/a	10%
ISO16890 ePM10	%	n/a	n/a	57%
ISO16890-3 Initial Gravimetric Arrestance	%	72%	85%	77%
ISO16890-3 Capacity	g/m²	3072	1499	1071
Filter Class to EN779		G3	G4	G4
Capacity EN779	g/m²	702	276	201
EN45545-2 R5		HL3	HL3	HL3
Acceptable In Service Temperature Range	°C	-40 to 70	-40 to 70	-40 to 70

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The figures given are mean values subject to tolerances due to the normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case. Subject to technical alterations. You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility.