

Synsafe®

air filter media



Synsafe G2 - F9 air filter media are of the highest quality, have high dust accumulation capacity, and are intended for basic and fine filtration of supply and exhaust air in difficult industrial environments.

Synsafe air filter media are made of synthetic, organic fibres. The filters have a progressive structure, which means that the density of the filter mat gradually increases with the depth of the material in the direction of air flow. This prevents early surface clogging of the filter material and results in high dust retention capacity and long useful life.

Synsafe air filter media are chemically, mechanically and thermally bonded, so that the structure and properties of the filter material will be retained even under difficult operating and climatic conditions.

Synsafe G2 - F9 air filter media have high resistance to mechanical stresses, which reduces the risk of damage on installation in ceiling frames and wire cages.

EFFICIENCY

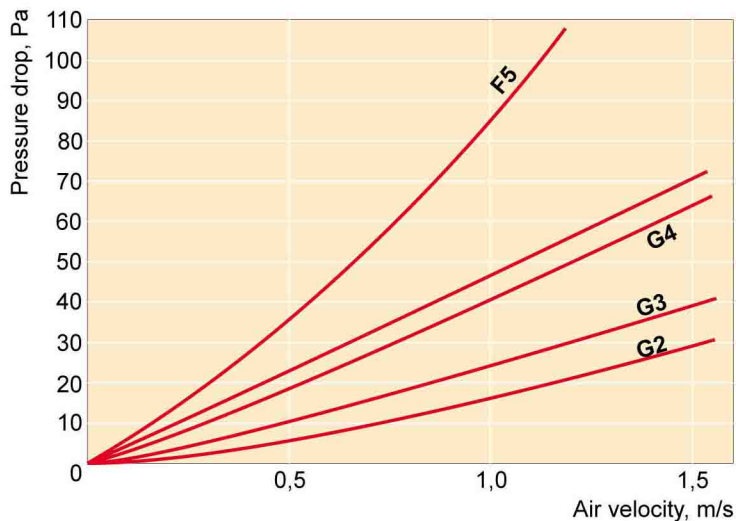
The media tabulated below represent a selection from the wide Scandfilter range.
Other grades and designs are available to special order.

Article No.	Synsafe FM0207100	Synsafe FM0307260	Synsafe FM0407500	Synsafe FM0507600	
Filter class *)	G2	G3	G4	F5	
Dust spot efficiency					
Arrestance	70 - 75 %	85 - 87%	90 - 92%	94 -97%	
Air velocity	1.5 m/s	1.5 m/s	1.5 m/s	0.6m/s	
Initial pressure drop	30 Pa	40 Pa	65 Pa	45Pa	
Rec. final pressure drop	100 - 250 Pa	100 - 250 Pa	100 - 250 Pa	100 - 350 Pa	
Flame-retardant properties	class F1	class F1	class F1	class F1	
Thickness	14 mm	20 mm	22 mm	19mm	
Specific weight	160 g/m ²	270 g/m ²	350 g/m ²	270 g/m ²	
Max. temperature	110°C	110°C	110°C	110°C	
Colour on inlet side	Blue	Blue	White	White	
Colour on outlet side	White	White	White	White	
Standard coils **)	2 x 20 m	2 x 20 m	2 x 20 m	2 x 10 m	

*) Filter class to CEN EN779

**) Special coils can be supplied in any width from 0.1 to 2 metres. Filter mats can be supplied in optional sizes.

CAPACITY



ORDERING KEY

Ordering example: Synsafe FM0207100

ACCESSORIES

Scandfilter has a wide range of frames, filter banks and filter casings for integration into other units.

Scandfilter reserves the right to modify the specifications and design without prior notice.