

Pocket filter
Ex-Protect PM10 50%
592 x 592 x 300 6 poc.



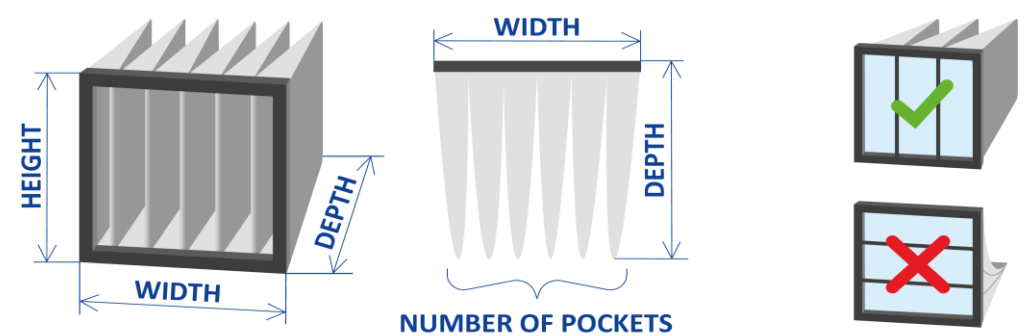
Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			<small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM10 50% M5	ePM ₁ 5 % ePM _{2,5} 10 % ePM ₁₀ 50 %	> 1.100 kWh/year	E



Operating conditions:

Max. humidity resistance	100%
Max. temperature	70°C
Recommended final pressure drop	300 Pa
Max. airflow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438-3 (F3)

Medium Polyester
 Media color White

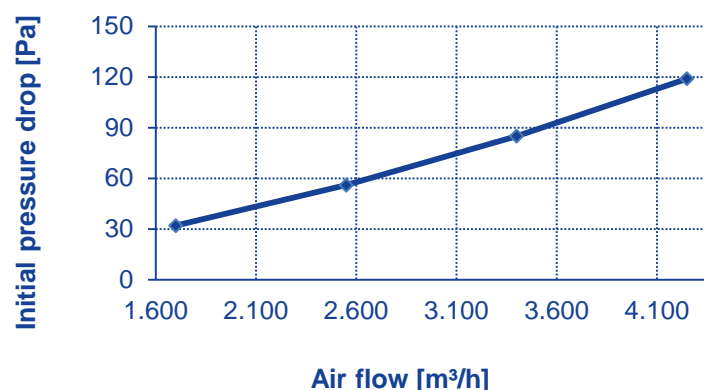


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m ²]	Recommended nominal air flow [m ³ /h]	Initial pressure drop [Pa]
592	592	300	6	2,1	3.400	85
490	592	300	5	1,8	2.900	85
287	592	300	3	1,1	1.800	85
592	287	300	6	1	1.600	85
592	490	300	6	1,8	2.900	85
287	287	300	3	0,5	800	85

Product benefits:

- Shatter-proof synthetic fibres with integrated metal mesh
- Individual stitched pockets
- Electroconductive media with integrated metal mesh
- Ex-Protect filters will not gain electrostatic charge
- For air filtration in aerial engineering plants with dangerous, combustible atmospheres (mixtures of air and burnable gases or steams)
- Device category 2, group II according to EU directive 2014/34 / EU and EN 1127-1: 2011, EN ISO 80079-36: 2016, EN ISO 80079-37: 2016, type of protection Ex "c" suitable for atmospheres with gas, steam, fog or dust.
- Suitable for use in potentially explosive areas of zones 1, 2 and 21, 22 in accordance with EU Directive 1999/92 / EC. (Conductive dusts are to be excluded from the application)

Initial pressure drop 592x592x300x6poc.



Versions:

- Sewn construction
- Special sizes on request
- With galvanized metal frame (inner and outer frames)
- Available with grounding flag or grounding pin
- Manufacturers declaration is included with each filter



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