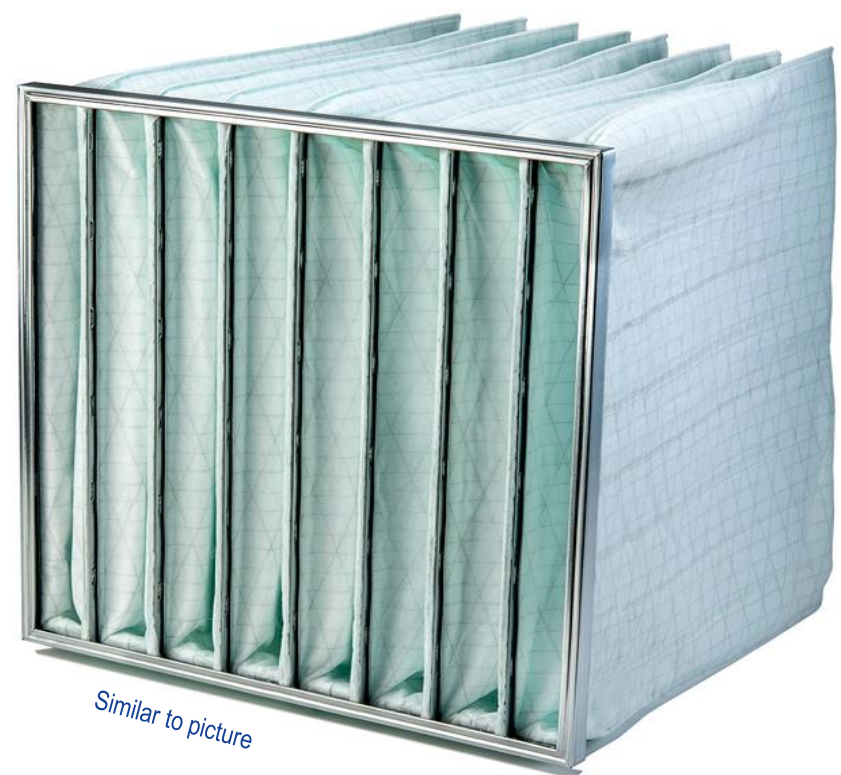


**Pocket filter**  
**Ex-Protect PM10 65%**  
**592 x 592 x 600 8 poc.**



Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM10 65% M6	ePM <sub>1</sub> 10 % ePM <sub>2,5</sub> 25 % ePM <sub>10</sub> 65 %	> 1.200 kWh/year	E

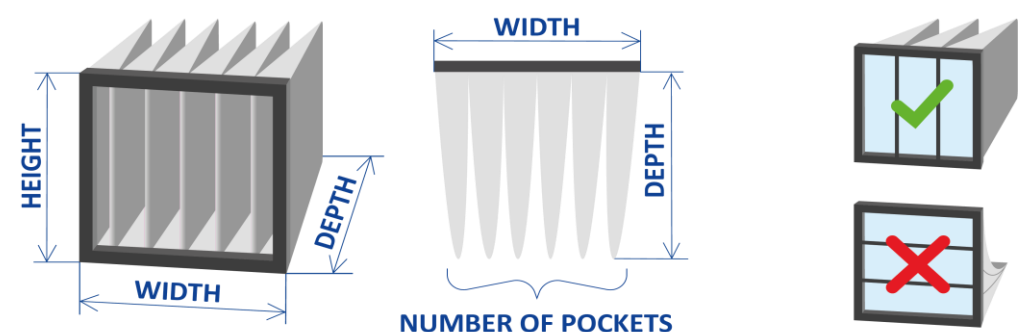


Similar to picture

**Operating conditions:**

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

**Medium** Synthetic-progressive microfiber  
**Media color** Green

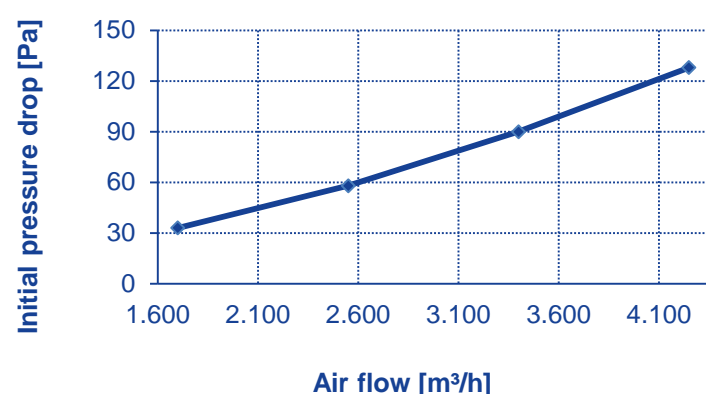


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m <sup>2</sup> ]	Recommended nominal air flow [m <sup>3</sup> /h]	Initial pressure drop [Pa]
<b>592</b>	<b>592</b>	<b>600</b>	<b>8</b>	<b>5,7</b>	<b>3.400</b>	<b>90</b>
490	592	600	6	4,3	2.600	90
287	592	600	4	2,8	1.700	90
592	287	600	8	2,8	1.700	90
592	490	600	8	4,7	2.800	90
287	287	600	4	1,4	850	90

**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 592x592x600x8poc.**



**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



**Notice:**

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