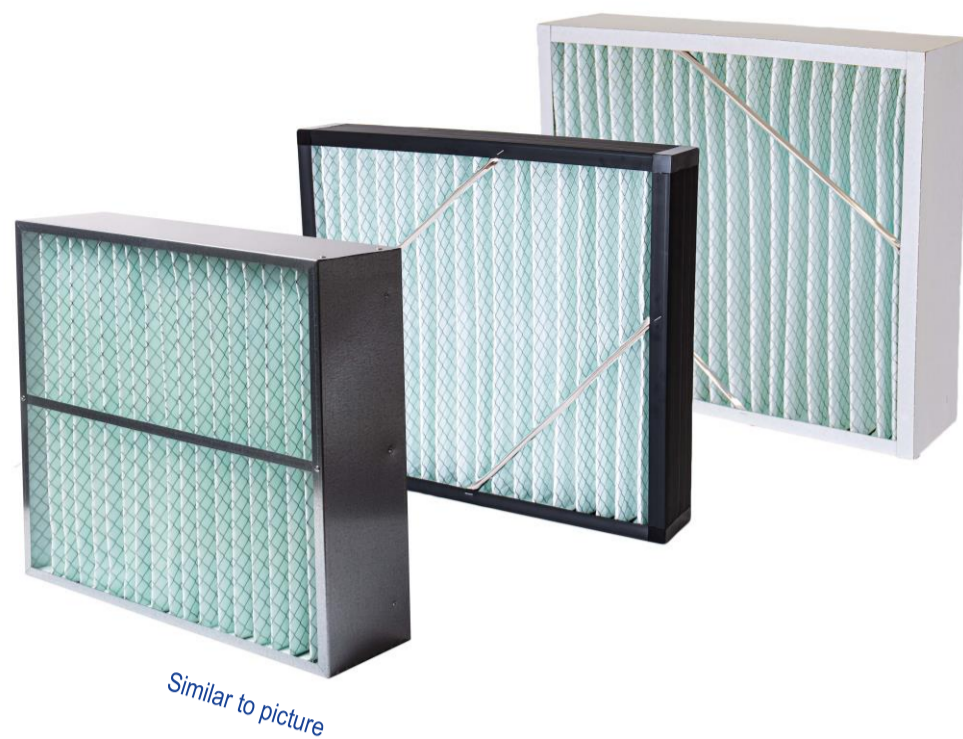


**Panel filter**  
**Z-Line PM10 60%**  
**ZMDE-96**



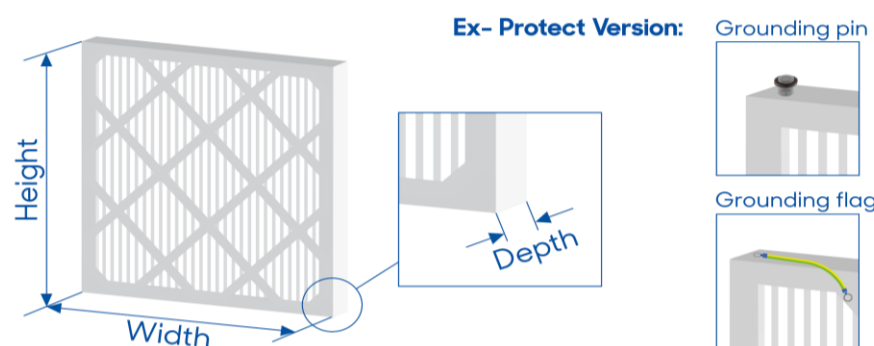
Filter class acc. to ISO 16890 EN 779:2012	Particle efficiency	Energy consumption	Energy class
			<small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM10 60% M6	ePM <sub>1</sub> 9 % ePM <sub>2,5</sub> 15 % ePM <sub>10</sub> 60 %	> 1.200 kWh/year	E



Similar to picture

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 (F1)

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



WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Filter area [m²]	Recommended nominal air flow [m³/h]	Initial pressure drop [Pa]
<b>594</b>	<b>594</b>	<b>96</b>	<b>2,1</b>	<b>1.800</b>	<b>80</b>
495	622	96	1,8	1.500	80
495	495	96	1,4	1.200	80
393	622	96	1,4	1.200	80
393	495	96	1,1	950	80
290	594	96	1,0	850	80

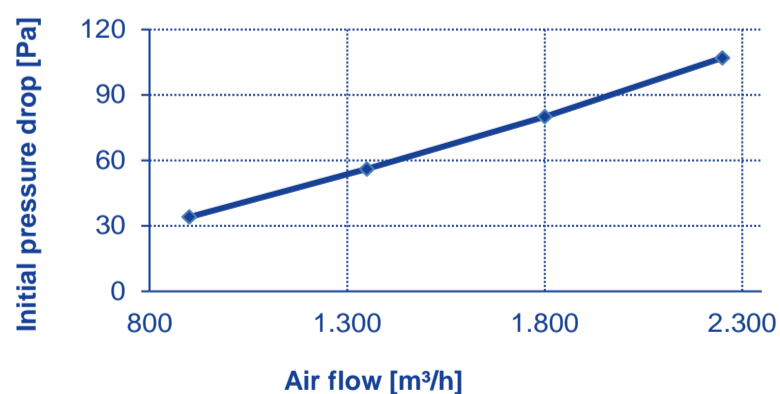
**Product benefits:**

- Filter media manufactured in house
- Shatter-proof synthetic fibres
- Pleated filter medium, easy to handle
- Suitable for limited space
- Large filter area within a small frame, long service life
- Expanded metal mesh on the clean air side for dimensional stability and performance
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

**Z-LINE EX-PROTECT VERSION:**

- For the air filtration in engineering plants with dangerous, combustible atmospheres
- Applicable for ex-protect zones 1 and 2 and 21 and 22

**Initial pressure drop 594x594x96**



**Versions:**

- Frame types: cardboard, plastic or galvanized steel
- Special sizes on request
- Optional with flat PE closed cell gasket
- Ex-Protect version optional available:
- only with metal frame
- with metal expanded mesh on both sides
- available with grounding flag or with grounding pin



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