

**Panel filter**  
**Z-Line Coarse 45%**  
**ZPDE-96**

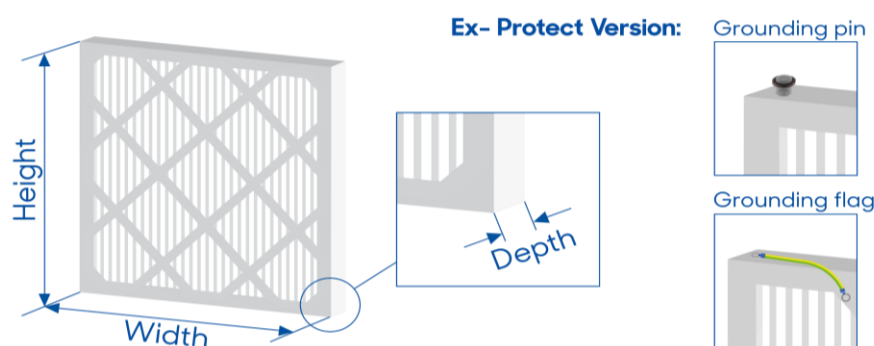


Filter class acc. to ISO 16890	EN 779:2012
ISO Coarse 45%	G4

Operating conditions:	
Max. humidity resistance	100 %
Max. temperature	80 °C
Recommended final pressure drop	200 Pa
Max. airflow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438 - 3 (F1)



Medium Polyester  
Media color  White



WIDTH	HEIGHT	DEPTH	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]	[m <sup>2</sup> ]	[m <sup>3</sup> /h]	[Pa]
<b>594</b>	<b>594</b>	<b>96</b>	<b>2,1</b>	<b>3.400</b>	<b>40</b>
495	622	96	1,8	2.900	40
495	495	96	1,4	2.300	40
393	622	96	1,4	2.300	40
393	495	96	1,1	1.800	40
290	594	96	1,0	1.600	40

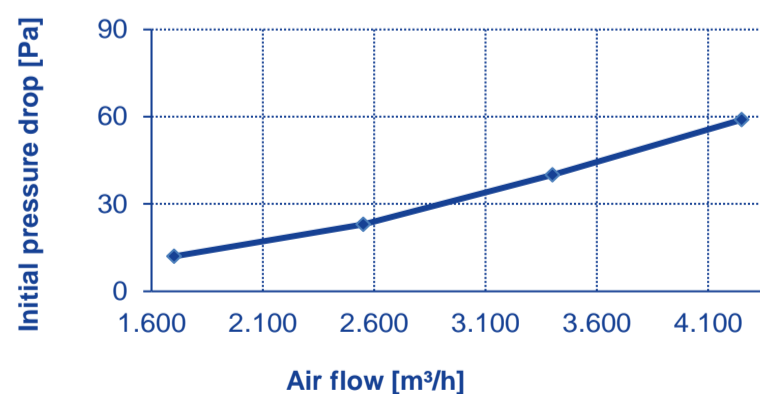
**Product benefits:**

- 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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