

Panel filter
Z-Line PM10 60%
ZMDE-48



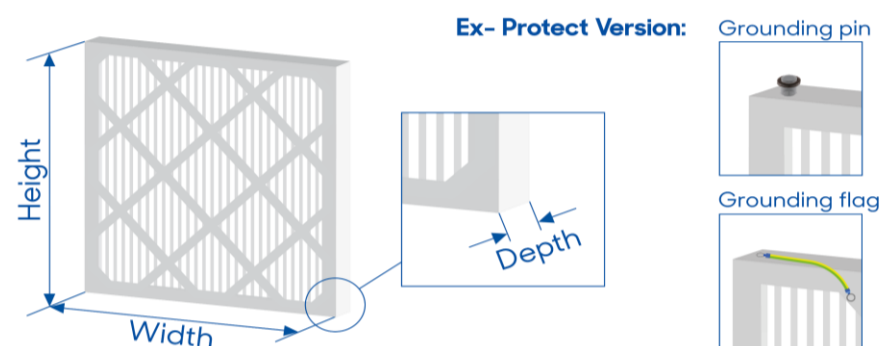
Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM10 60% M6	ePM ₁ 9 % ePM _{2,5} 15 % ePM ₁₀ 60 %	> 1.200 kWh/year	E



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	HEIGHT	DEPTH	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]	[m ²]	[m ³ /h]	[Pa]
594	594	48	1,6	1.200	95
495	622	48	1,4	1.100	95
495	495	48	1,1	850	95
393	622	48	1,1	850	95
393	495	48	0,9	700	95
290	594	48	0,8	600	95

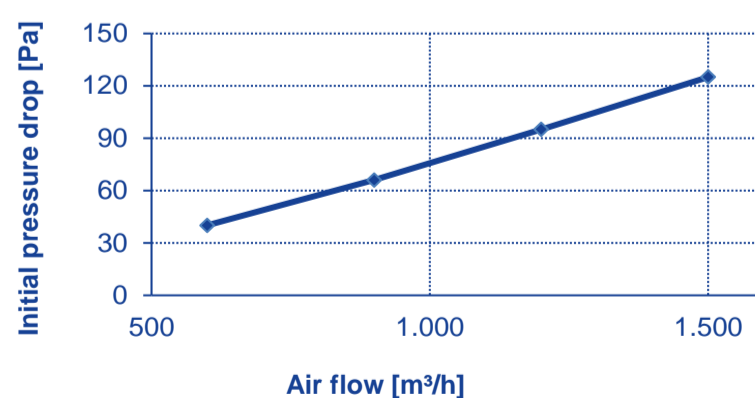
Product benefits:

- 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 594x594x48



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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