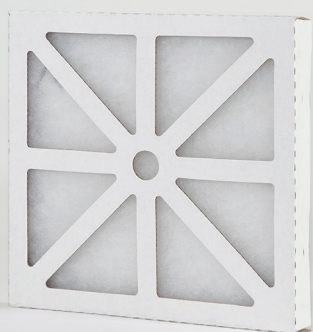


ACP

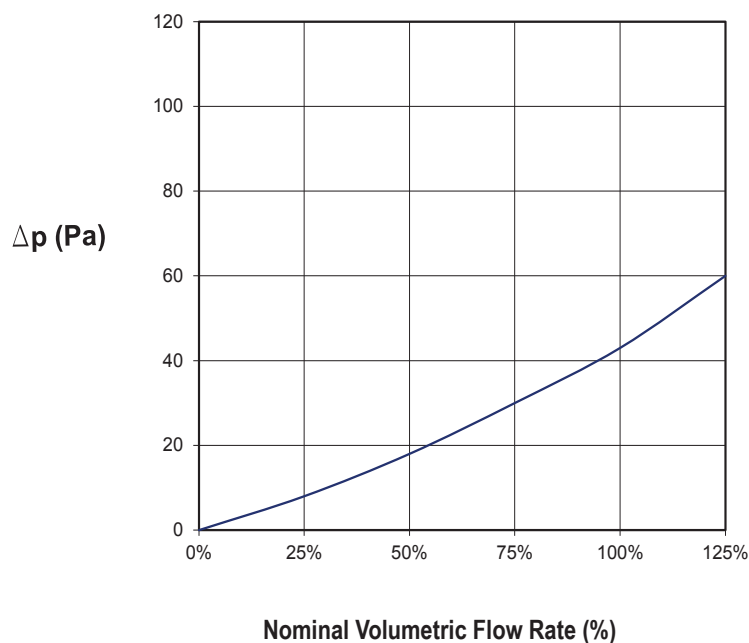
Disposable flat filter cell composed of a robust punched cardboard box with large openings for air passage that supports the filter fabric in AT200 series thermobonded synthetic polyester staple fibre with a basis weight of 200 g/m² and a thickness of 20 mm.



TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM10 50% (ePM1 = 8% - ePM2,5 = 17% - ePM10 = 53%)
EFFICIENCY class (CEN EN779-2012)	G4
AVERAGE gravimetric efficiency:	90%
FILTER FABRIC basic weight:	200 gr/m ²
MAXIMUM WORKING temperature:	100°C
RELATIVE humidity:	100%
INITIAL pressure drop:	43 Pa
RECOMMENDED final pressure drop:	250 Pa
MAXIMUM pressure drop:	400 Pa
DUST ACCUMULATION capacity:	351 gr/m ²
RECOMMENDED frontal air speed:	1,5 m/s
FIRE reaction:	Class F1 - (DIN53438/3)
	Class M1 - (NF-F-16-101)

Pressure Drops



SELECTION CHART

Length [mm]	Width [mm]	Thickness [mm]	Filtering Surface [m ²]	Nominal Flow Rate [m ³ /h]
287	592	23	0,17	1.250
400	400		0,16	1.200
400	500		0,20	1.450
500	500		0,25	1.800
400	625		0,25	1.800
500	625		0,31	2.250
592	592		0,35	2.550

PRESSURE DROP DIAGRAM (Air Temperature 20°C)

Diagram

Pressure drop determining curve with a clean filter (Dp) based on percentage change in the flow rate or nominal speed.

FILTERING MEDIA

The filter medium is made up of AT200 series thermobonded polyester staple fibre with a basis weight of 200 gr/m2 and a thickness of 20 mm.

APPLICATIONS

Prefiltration of high-efficiency filters, filtration in painting booths.

PRODUCT DISPOSAL

The CER code for disposal of the filtering part is 150202.

GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica contribute to obtain the credits of the major international rating systems for sustainable buildings:



LEED

Contributes to credits:
IP, EA, MR



WELL

Contributes to credits:
AIR, MATERIALS, COMMUNITY

BREEM®

BREEM

Contributes to credits:
MAN, WST

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl

APPLICATIONS

OEM	Residential	Easy Pack	REACH Certification	RoHS Certification	Building	Air conditioning	CMV

*On request