



PCW

Disposable pleated filter cell in robust cardboard with large openings and filtering mesh in pleated polyester with self-supporting microstretched aluminium mesh.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (CEN EN779-2012):	G4
AVERAGE gravimetric efficiency:	95%
MAXIMUM WORKING temperature:	90°C
RELATIVE humidity:	90%
INITIAL pressure drop:	70 Pa
RECOMMENDED final pressure drop:	250 Pa
MAXIMUM pressure drop:	400 Pa
RECOMMENDED frontal air speed:	0,6 - 0,8 m/s
FILTERING surface/filter surface ratio:	3:1 for 48 mm thickness
	5:1 for 98 mm thickness
OTHER available efficiencies	M5 - M6 - F7 - F8

SELECTION CHART

Length [mm]	Width [mm]	Thickness [mm]	Filtering Surface [m ²]	Nominal Flow Rate [m ³ /h]
400	500	48	0,54	1.300
400	625		0,68	1.600
500	500		0,68	1.600
500	625		0,84	2.000
592	592		0,95	2.250
287	592		0,46	1.100
400	500		98 (on request)	1,08
400	625	1,36		5.200
500	500	1,36		3.200
500	625	1,68		4.000
592	592	1,90		4.500
287	592	0,92		2.200

FILTERING MEDIA

The filtering media is made up of pleated polyester with aluminium mesh.

APPLICATIONS

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

PRODUCT DISPOSAL

Dispose of the product by separating the metal part from the filtering part. The CER code for disposal of the metal part is 120101. The CER code for disposal of the filtering part is 150202.

GREEN BUILDING

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APPLICATIONS

OEM	Residential	Easy Pack	REACH Certificate	RoHS Certificate	Industry	Building	Air conditioning	CMV

*On request