



Disposable flat filter cell in robust cardboard with large openings that supports the filtering mesh made up of a layer of glass fibres with progressive density.

## TECHNICAL CHARACTERISTICS AND LIMITS OF USE

Efficiency class (GEN EN779):	G3
Average gravimetric efficiency:	90-98 %
Maximum operating temperature:	120°C
Relative humidity:	100 %
Initial pressure drop:	25-30 Pa
Recommended final pressure drop:	150 Pa
Maximum pressure drop:	300 Pa
Dust accumulation capacity*:	3-5 kg/m <sup>2</sup>
Recommended frontal velocity:	1,5-2 m/s
Reaction to fire (DIN 53438/3):	Class F1

\* Depends on the type of paint, whether dry or liquid

## DIMENSIONS AND SELECTION TABLE

Length (mm)	Width (mm)	Thickness (mm)	Filtering surface (m <sup>2</sup> )	Nominal flow rate (m <sup>3</sup> /h)
287	592	23/48	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

## FILTERING MEDIA

Filtering media in glass fibre with progressive density, specially created for filtration of solvent-based paint and lacquer particles. Material supplied in rolls.

## APPLICATIONS

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

## PRODUCT DISPOSAL

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