



WZX

Pleated metallic filter cell with U-section AISI 304 stainless steel frame and double pleated electrowelded AISI 304 stainless steel wire mesh that supports the filter fabric in AISI 304 stainless steel capped braid.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO COARSE (ePM1 = 1% - ePM2,5 = 2% - ePM10 = 12%)
EFFICIENCY class (CEN EN779-2012)	G2
AVERAGE gravimetric efficiency:	75%
MAXIMUM WORKING temperature:	300°C
RELATIVE humidity:	100%
INITIAL pressure drop:	45 Pa
RECOMMENDED final pressure drop:	150 Pa
MAXIMUM pressure drop:	300 Pa
RECOMMENDED frontal air speed:	1,5 m/s
FILTERING surface/filter surface ratio:	2:1 for 48 mm thickness
	3:1 for 98 mm thickness

SELECTION CHART

Length [mm]	Width [mm]	Thickness [mm]	Filtering Surface [m ²]	Nominal Flow Rate [m ³ /h]
400	400	48	0,34	1.850
400	500		0,42	2.300
400	625		0,53	2.850
500	500		0,53	2.850
500	625		0,66	3.550
592	592		0,74	4.000
490	500		0,51	2.800
500	600		0,63	3.450
287	592		0,36	1.950
300	600		0,38	2.050
600	600		0,76	4.100
305	610		0,39	2.150
610	610		0,78	4.250

SELECTION CHART

Length [mm]	Width [mm]	Thickness [mm]	Filtering Surface [m ²]	Nominal Flow Rate [m ³ /h]
400	400	98	0,50	2.700
400	500		0,62	3.350
400	625		0,78	4.200
500	500		0,78	4.200
500	625		0,97	5.250
592	592		1,09	5.900
490	500		0,76	4.150
500	600		0,93	5.050
287	592		0,53	2.850
300	600		0,56	3.050
600	600		1,12	6.050
305	610		0,58	3.150
610	610		1,15	6.250

FILTERING MEDIA

The filtering media is composed of metal mesh in AISI 304 stainless steel capped braid.

APPLICATIONS

Prefiltration in high-efficiency filters, filtration of dry dust and oil mist, treatment of airborne fumes and greases.

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. Warning: declare whether the filter to be disposed of contains toxic substances.

GREEN BUILDING

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APPLICATIONS

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

*On request