

# M-Pleat & EcoPleat ProSafe



## Advantages

- Specially designed for Process Safety (Food, Life Science applications)
- Anti-Microbial growth certified (ISO896-V01 6022)
- Better protection of your process with M5 prefilters i.o G4
- Unit packaging hygienic bag
- Food compliant EC1935:2004
- Designed for air intake and return air process safety
- Ultra compact and ultra light

**Application:** Industrial processing systems, ventilation equipment, air intake and return air

**Type:** Pleated Panel

**Frame:** ABS

**Separator:** Hot Melt

**Sealant:** Polyurethane

**Dimensions:** Filter front dimensions according EN 15805

**Rec. final pressure drop acc. EN 13053:** M5-F7: 200 Pa, F8-F9: 300 Pa

**Maximum airflow:** 1,1 x nominal flow

**Temperature max:** 70°C

**RH. max:** 100%

**Mounting/Frames:** Front and side access housings and frames are available

**Option:** PU gasket (ProSafe certified)

**Note:** Unit packaging hygienic bag



Type	EN779	ISO16890	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/h/Pa)	Media area (m²)	Weight (kg)	Initial eff. (%)	ME (%) <sup>a</sup>
M-Pleat ProSafe	M5	Coarse 85%	592x592x48	2200/35	2,9	0,8		
M-Pleat ProSafe	M5	Coarse 85%	592x287x48	1100/35	1,5	0,5		
M-Pleat ProSafe	M5	Coarse 85%	592x592x96	2200/30	3,9	1,5		
M-Pleat ProSafe	M5	Coarse 85%	592x287x96	1100/30	2	0,9		
EcoPleat ProSafe	M6	ePM10 70%	592x592x48	2900/75	5,3	3		
EcoPleat ProSafe	M6	ePM10 70%	592x287x48	1450/75	2,7	1,5		
EcoPleat ProSafe	M6	ePM10 70%	592x592x96	2900/70	10,2	4		
EcoPleat ProSafe	M6	ePM10 70%	592x287x96	1450/70	5,1	3		
EcoPleat ProSafe	F7	ePM1 55%	592x592x48	2900/110	5,8	3	48	45
EcoPleat ProSafe	F7	ePM1 55%	592x287x48	1450/110	2,9	1,5		
EcoPleat ProSafe	F7	ePM1 55%	592x592x96	2900/90	11,5	4	48	45
EcoPleat ProSafe	F7	ePM1 55%	592x592x96	1450/90	5,7	3		
EcoPleat ProSafe	F8	ePM1 70%	592x592x48	2900/160	6,3	3	79	76
EcoPleat ProSafe	F8	ePM1 70%	592x592x96	2900/105	12,8	4	79	76
EcoPleat ProSafe	F9	ePM1 80%	592x592x48	2500/120	6,9	3	79	78
EcoPleat ProSafe	F9	ePM1 80%	592x592x96	2500/100	15,5	4	79	78
EcoPleat ProSafe	F9	ePM1 80%	592x287x48	1250/160	2,9	1,5		
EcoPleat ProSafe	F9	ePM1 80%	592x287x96	1250/105	5,7	3		
EcoPleat ProSafe	F8	ePM1 70%	592x287x48	1450/120	2,9	1,5		

# M-Pleat & EcoPleat ProSafe

Type	EN779	ISO16890	Dimensions WxHxD (mm)	Air Flow/ pressure drop (m <sup>3</sup> /h/Pa)	Media area (m <sup>2</sup> )	Weight (kg)	Initial eff. (%)	ME (%)*
EcoPleat ProSafe	F8	ePM1 70%	592x287x96	1450/100	5,7	3		

ME%: Minimum efficiency ref. to EN779:2012