



## ADVANTAGES

- Free of bisphenol-A, phthalate and formaldehyde
- Tested for food safety acc. to EC 1935:2004
- Manufactured and packed in a controlled environment
- Packaging suitable for cleanroom unpacking
- Certification and test results available online
- ProSafe certified for Food & Beverage, Life Science or close to product applications
- Chemically resistant to decontamination, inactivation and cleaning agent
- Microbial inert components acc. to ISO 846
- Compliant to VDI 6022



|   |   |
|---|---|
| <b>Application</b>                            | Industrial processing systems, ventilation equipment, air intake and return air |
| <b>Frame</b>                                  | ABS   |
| <b>Media</b>                                  | Glass fiber   |
| <b>Separator</b>                              | Hot-melt  |
| <b>Sealant</b>                                | Polyurethane  |
| <b>Dimensions</b>                             | Filter front dimensions according EN 15805                                      |
| <b>Rec. final pressure drop acc. EN 13053</b> | Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower) |
| <b>Max airflow</b>                            | 1,1 x nominal flow  |
| <b>Max Temperature (°C)</b>                   | 70°C  |
| <b>Relative Humidity max</b>                  | 100%  |
| <b>Installation Options</b>                   | Front and side access housings and frames are available                         |
| <b>Comment</b>                                | Option: PU gasket (ProSafe certified)<br>Note: Unit packaging hygienic bag      |

| Type             | EN779 | ISO16890  | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Area (m²) | Weight (kg) | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|------------------|-------|-----------|-----------------------|---------------------------------|-----------|-------------|------|---------|--------|-----------|-------|
| EcoPleat ProSafe | M6    | ePM10 70% | 592x592x48            | 2900/75                         | 5,3       | 3           | 26   | 25      | 42     | 40        | 74    |
| EcoPleat ProSafe | M6    | ePM10 70% | 592x287x48            | 1450/75                         | 2,7       | 1,5         |      |         |        |           |       |
| EcoPleat ProSafe | F7    | ePM1 55%  | 592x592x48            | 2900/110                        | 5,8       | 3           | 55   | 55      | 65     | 65        | 85    |
| EcoPleat ProSafe | F7    | ePM1 55%  | 592x287x48            | 1450/110                        | 2,9       | 1,5         |      |         |        |           |       |
| EcoPleat ProSafe | F8    | ePM1 70%  | 592x592x48            | 2900/160                        | 6,3       | 3           | 74   | 74      | 85     | 85        | 94    |
| EcoPleat ProSafe | F8    | ePM1 70%  | 592x287x48            | 1450/160                        | 2,9       | 1,5         |      |         |        |           |       |
| EcoPleat ProSafe | F9    | ePM1 80%  | 592x592x48            | 2500/120                        | 6,9       | 3           | 83   | 83      | 88     | 88        | 96    |
| EcoPleat ProSafe | F9    | ePM1 80%  | 592x287x48            | 1250/120                        | 2,9       | 1,5         |      |         |        |           |       |
| EcoPleat ProSafe | M6    | ePM10 70% | 592x592x96            | 2900/70                         | 10,2      | 4           | 26   | 25      | 42     | 40        | 74    |
| EcoPleat ProSafe | M6    | ePM10 70% | 592x287x96            | 1450/70                         | 5,1       | 3           |      |         |        |           |       |
| EcoPleat ProSafe | F7    | ePM1 55%  | 592x592x96            | 2900/100                        | 11,5      | 4           | 55   | 55      | 65     | 65        | 85    |
| EcoPleat ProSafe | F7    | ePM1 55%  | 592x287x96            | 1450/100                        | 5,7       | 3           |      |         |        |           |       |
| EcoPleat ProSafe | F8    | ePM1 70%  | 592x592x96            | 2900/105                        | 12,8      | 4           | 74   | 74      | 85     | 85        | 94    |
| EcoPleat ProSafe | F8    | ePM1 70%  | 592x287x96            | 1450/105                        | 5,7       | 3           |      |         |        |           |       |
| EcoPleat ProSafe | F9    | ePM1 80%  | 592x592x96            | 2500/100                        | 15,5      | 4           | 83   | 83      | 88     | 88        | 96    |
| EcoPleat ProSafe | F9    | ePM1 80%  | 592x287x96            | 1250/100                        | 5,7       | 3           |      |         |        |           |       |