



EPD®

## ADVANTAGES

- Tested for food safety acc. to EC 1935:2004
- Hygienic product acc. to VDI 6022 and ISO 846
- Free of bisphenol-A, phthalates and formaldehyde
- Manufactured and packed in a controlled environment
- Prosafe certified for Pharma, Food & Beverage industries
- 100% filter scan tested according to ISO29463
- Chemically resistant to decontamination and cleaning agents
- Microbial inert components acc. to ISO 846

|                                        |                                                                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>                     | Hepa/ULPA filter for clean rooms and LAF benches.                                                                                                   |
| <b>Frame</b>                           | Extruded anodized aluminium                                                                                                                         |
| <b>Gasket</b>                          | Silicone Gel; Seamless PU foamed gasket                                                                                                             |
| <b>Media</b>                           | Glass fiber                                                                                                                                         |
| <b>Separator</b>                       | Hot-melt                                                                                                                                            |
| <b>Sealant</b>                         | Polyurethane                                                                                                                                        |
| <b>Grille, Upstream</b>                | Expanded metal painted (RAL 9016)                                                                                                                   |
| <b>Grille, Downstream</b>              | Expanded metal painted (RAL 9016)                                                                                                                   |
| <b>Recommended final pressure drop</b> | 2x Initial pressure drop                                                                                                                            |
| <b>Max. final pressure drop</b>        | MD: 500 Pa, MX: 600 Pa, MG:800 Pa                                                                                                                   |
| <b>Max airflow</b>                     | Can be calculated on request                                                                                                                        |
| <b>Max Temperature (°C)</b>            | 70 °C                                                                                                                                               |
| <b>Relative Humidity max</b>           | 100%                                                                                                                                                |
| <b>Comment</b>                         | All filter tested acc. to EN 1822 with individual protocol and packed in PE-film. Compliant with Prosafe** requirements. Other editions on request. |

| Type                       | EN1822 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Media area (m²) | Weight (kg) |
|----------------------------|--------|-----------------------|---------------------------------|-----------------|-------------|
| MD14-2G10-305x305x66-1PU   | H14    | 305x305x66            | 150/155                         | 2,4             | 1,9         |
| MD14-2G10-305x610x66-1PU   | H14    | 305x610x66            | 300/150                         | 4,8             | 3,2         |
| MD14-2G10-457x457x66-1PU   | H14    | 457x457x66            | 340/150                         | 5,4             | 3,4         |
| MD14-2G10-508x508x66-1PU   | H14    | 508x508x66            | 418/150                         | 6,7             | 4,3         |
| MD14-2G10-610x610x66-1PU   | H14    | 610x610x66            | 600/140                         | 9,7             | 5,4         |
| MD14-2G10-762x610x66-1PU   | H14    | 762x610x66            | 753/140                         | 12,2            | 6,5         |
| MD14-2G10-915x610x66-1PU   | H14    | 915x610x66            | 904/140                         | 14,6            | 7,7         |
| MD14-2G10-1220x610x66-1PU  | H14    | 1220x610x66           | 1200/140                        | 19,6            | 10          |
| MX14-2G10-305x305x90-1PU   | H14    | 305x305x90            | 151/110                         | 3,2             | 2,3         |
| MX14-2G10-305x610x90-1PU   | H14    | 305x610x90            | 300/105                         | 6,6             | 3,9         |
| MX14-2G10-457x457x90-1PU   | H14    | 457x457x90            | 338/105                         | 7,3             | 4,1         |
| MX14-2G10-508x508x90-1PU   | H14    | 508x508x90            | 418/105                         | 9,1             | 5,1         |
| MX14-2G10-610x610x90-1PU   | H14    | 610x610x90            | 605/95                          | 13,2            | 6,5         |
| MX14-2G10-762x610x90-1PU   | H14    | 762x610x90            | 753/95                          | 16,5            | 7,9         |
| MX14-2G10-915x610x90-1PU   | H14    | 915x610x90            | 904/95                          | 19,9            | 9,2         |
| MX14-2G10-1220x610x90-1PU  | H14    | 1220x610x90           | 1206/95                         | 26,7            | 12          |
| MG14-2G10-305x305x110-1PU  | H14    | 305x305x110           | 151/80                          | 4,2             | 3           |
| MG14-2G10-457x457x110-1PU  | H14    | 457x457x110           | 340/75                          | 9,7             | 5,5         |
| MG14-2G10-508x508x110-1PU  | H14    | 508x508x110           | 418/75                          | 12,1            | 6,7         |
| MG14-2G10-305x610x110-1PU  | H14    | 305x610x110           | 300/75                          | 8,7             | 5,2         |
| MG14-2G10-610x610x110-1PU  | H14    | 610x610x110           | 605/65                          | 17,5            | 8,6         |
| MG14-2G10-762x610x110-1PU  | H14    | 762x610x110           | 753/65                          | 22              | 10,5        |
| MG14-2G10-915x610x110-1PU  | H14    | 915x610x110           | 904/65                          | 26,4            | 12,3        |
| MG14-2G10-1220x610x110-1PU | H14    | 1220x610x110          | 1205/65                         | 35,3            | 15,7        |
| MD15-2G10-305x305x66-1PU   | U15    | 305x305x66            | 150/165                         | 2,7             | 1,9         |
| MD15-2G10-305x610x66-1PU   | U15    | 305x610x66            | 300/160                         | 4,8             | 3,2         |

| Type                       | EN1822 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Media area (m²) | Weight (kg) |
|----------------------------|--------|-----------------------|---------------------------------|-----------------|-------------|
| MD15-2G10-457x457x66-1PU   | U15    | 457x457x66            | 340/160                         | 6,3             | 3,4         |
| MD15-2G10-508x508x66-1PU   | U15    | 508x508x66            | 415/140                         | 7,0             | 4,3         |
| MD15-2G10-610x610x66-1PU   | U15    | 610x610x66            | 605/145                         | 9,7             | 5,4         |
| MD15-2G10-762x610x66-1PU   | U15    | 762x610x66            | 750/140                         | 14              | 6,5         |
| MD15-2G10-915x610x66-1PU   | U15    | 915x610x66            | 900/140                         | 16,9            | 7,7         |
| MD15-2G10-1220x610x66-1PU  | U15    | 1220x610x66           | 1205/140                        | 22,9            | 10          |
| MX15-2G10-305x305x90-1PU   | U15    | 305x305x90            | 150/130                         | 3,6             | 2,3         |
| MX15-2G10-305x610x90-1PU   | U15    | 305x610x90            | 300/125                         | 7,5             | 3,9         |
| MX15-2G10-457x457x90-1PU   | U15    | 457x457x90            | 338/125                         | 8,4             | 4,1         |
| MX15-2G10-508x508x90-1PU   | U15    | 508x508x90            | 418/115                         | 9,1             | 5,1         |
| MX15-2G10-610x610x90-1PU   | U15    | 610x610x90            | 605/115                         | 15,2            | 6,5         |
| MX15-2G10-762x610x90-1PU   | U15    | 762x610x90            | 753/115                         | 19              | 7,9         |
| MX15-2G10-915x610x90-1PU   | U15    | 915x610x90            | 904/115                         | 22,9            | 9,2         |
| MX15-2G10-1220x610x90-1PU  | U15    | 1220x610x90           | 1205/115                        | 30,6            | 12          |
| MG15-2G10-305x305x110-1PU  | U15    | 305x305x110           | 151/95                          | 4,5             | 3           |
| MG15-2G10-305x610x110-1PU  | U15    | 305x610x110           | 300/90                          | 9,3             | 5,2         |
| MG15-2G10-457x457x110-1PU  | U15    | 457x457x110           | 340/90                          | 10,4            | 5,5         |
| MG15-2G10-508x508x110-1PU  | U15    | 508x508x110           | 418/90                          | 13              | 6,7         |
| MG15-2G10-610x610x110-1PU  | U15    | 610x610x110           | 605/80                          | 18,8            | 8,6         |
| MG15-2G10-762x610x110-1PU  | U15    | 762x610x110           | 753/80                          | 23,6            | 10,5        |
| MG15-2G10-915x610x110-1PU  | U15    | 915x610x110           | 904/80                          | 28,3            | 12,3        |
| MG15-2G10-1220x610x110-1PU | U15    | 1220x610x110          | 1205/80                         | 37,9            | 15,7        |
| MD14-2G10-305x305x71-GEL   | H14    | 305x305x71            | 151/155                         | 2,4             | 2,2         |
| MD14-2G10-457x457x71-GEL   | H14    | 457x457x71            | 340/120                         | 5,4             | 3,8         |
| MD14-2G10-508x508x71-GEL   | H14    | 508x508x71            | 418/150                         | 6,7             | 4,8         |
| MD14-2G10-305x610x71-GEL   | H14    | 305x610x71            | 300/120                         | 4,5             | 3,6         |
| MD14-2G10-610x610x71-GEL   | H14    | 610x610x71            | 600/120                         | 9,7             | 6,1         |
| MD14-2G10-762x610x71-GEL   | H14    | 762x610x71            | 753/140                         | 12,2            | 7,4         |
| MD14-2G10-915x610x71-GEL   | H14    | 915x610x71            | 9,4/140                         | 14,6            | 8,6         |
| MD14-2G10-1220x610x71-GEL  | H14    | 1220x610x71           | 1200/120                        | 19,6            | 11,3        |
| MX14-2G10-305x305x105-GEL  | H14    | 305x305x105           | 151/110                         | 3,2             | 2,8         |
| MX14-2G10-305x610x105-GEL  | H14    | 305x610x105           | 300/105                         | 6,6             | 4,7         |
| MX14-2G10-457x457x105-GEL  | H14    | 457x457x105           | 338/105                         | 7,3             | 5           |
| MX14-2G10-508x508x105-GEL  | H14    | 508x508x105           | 418/105                         | 9,1             | 6,2         |
| MX14-2G10-610x610x105-GEL  | H14    | 610x610x105           | 605/95                          | 13,2            | 8           |
| MX14-2G10-762x610x105-GEL  | H14    | 762x610x105           | 753/95                          | 16,5            | 9,7         |
| MX14-2G10-915x610x105-GEL  | H14    | 915x610x105           | 904/95                          | 19,9            | 11,2        |
| MX14-2G10-1220x610x105-GEL | H14    | 1220x610x105          | 1206/95                         | 26,7            | 14,8        |
| MG14-2G10-305x305x130-GEL  | H14    | 305x305x130           | 151/80                          | 4,2             | 3,1         |
| MG14-2G10-457x457x130-GEL  | H14    | 457x457x130           | 340/75                          | 9,7             | 5,8         |
| MG14-2G10-508x508x130-GEL  | H14    | 508x508x130           | 418/75                          | 12,1            | 5,9         |
| MG14-2G10-305x610x130-GEL  | H14    | 305x610x130           | 302/75                          | 8,6             | 5,4         |
| MG14-2G10-610x610x130-GEL  | H14    | 610x610x130           | 605/65                          | 17,5            | 9,1         |
| MG14-2G10-762x610x130-GEL  | H14    | 762x610x130           | 753/65                          | 22              | 12,4        |
| MG14-2G10-915x610x130-GEL  | H14    | 915x610x130           | 904/65                          | 26,4            | 14,3        |
| MG14-2G10-1220x610x130-GEL | H14    | 1220x610x130          | 1206/65                         | 35,3            | 16,5        |

\* Pressure drop: ± 10 %

\*\* All certificates and further information are available on [www.camfil.com/prosafe](http://www.camfil.com/prosafe)

Type -1PU = gasket placed upstream; Type -2G10- = grid placed both sides