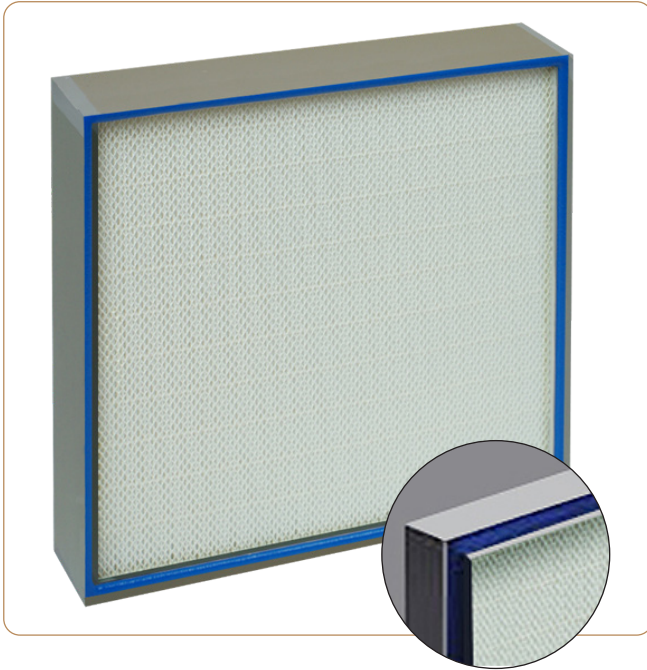


EPA/HEPA filters

UltraGel

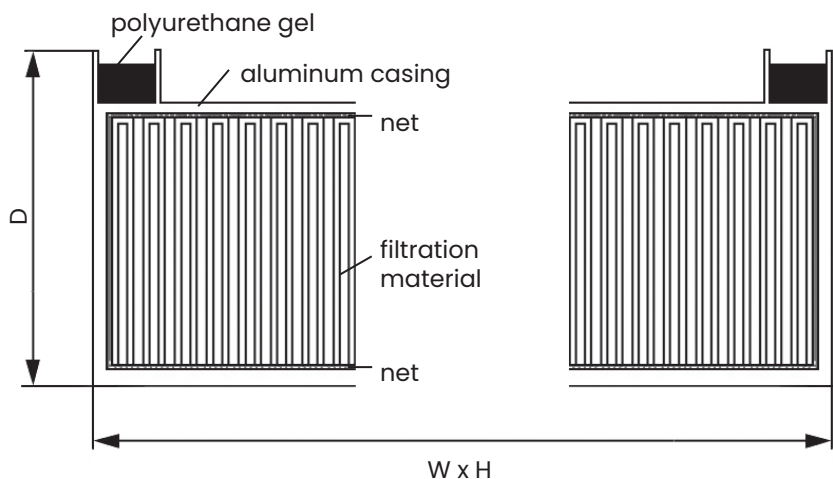


| | |
|--|--|
| PN-EN 1822:2009 Class: | E10, H13, H14, U15 |
| Filtration material: | glass fiber (glass microfibers) |
| Separators: | hot melt |
| Casing: | aluminum with protective nets on both sides |
| Bonding: | two-component, cold-mixed (polyurethane) |
| Max. operating temperature: | 80°C |
| Permissible relative humidity: | >90% |
| *Final pressure drop derived from the filter test standard: | 500 Pa |

Sealing gasket: non-drying and non-hardening polyurethane gel on one side in a U-shaped recess.

* The final operating pressure drop of the filters should be checked in the technical documentation or consulted with the manufacturer of the equipment being operated.

1. Durable and rigid construction
2. Protective nets for filter cartridges
3. High dust absorbency
4. Low pressure drop
5. Long filter lifespan
6. Low energy costs
7. Resistance to humidity
8. Flame retardant (F1 acc. DIN 53438)



Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

Technical data for various models of UltraGel 80 mm thick filters

| | Dimensions [mm] | | | Filtration Class | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Resistance [Pa] |
|-------------------|-----------------|------|----|------------------|-----------------------------------|-----------------------------------|-------------------------|
| | W | H | D | | | | |
| UG 305/305/80-10 | 305 | 305 | 80 | E10 | 2,60 | 150 | 50 |
| UG 457/457/80-10 | 457 | 457 | 80 | E10 | 5,80 | 335 | 50 |
| UG 457/610/80-10 | 457 | 610 | 80 | E10 | 7,80 | 450 | 50 |
| UG 305/610/80-10 | 305 | 610 | 80 | E10 | 5,20 | 300 | 50 |
| UG 610/610/80-10 | 610 | 610 | 80 | E10 | 10,40 | 600 | 50 |
| UG 610/915/80-10 | 610 | 915 | 80 | E10 | 15,60 | 900 | 50 |
| UG 610/1220/80-10 | 610 | 1220 | 80 | E10 | 20,80 | 1200 | 50 |
| UG 610/1524/80-10 | 610 | 1524 | 80 | E10 | 26,00 | 1500 | 50 |
| UG 610/1830/80-10 | 610 | 1830 | 80 | E10 | 31,20 | 1800 | 50 |
| UG 610/762/80-10 | 610 | 762 | 80 | E10 | 13,00 | 750 | 50 |
| UG 762/762/80-10 | 762 | 762 | 80 | E10 | 16,20 | 935 | 50 |
| UG 915/915/80-10 | 915 | 915 | 80 | E10 | 23,40 | 1350 | 50 |
| UG 915/1220/80-10 | 915 | 1220 | 80 | E10 | 31,20 | 1800 | 50 |
| UG 305/305/80-13 | 305 | 305 | 80 | H13 | 2,60 | 150 | 110 |
| UG 457/457/80-13 | 457 | 457 | 80 | H13 | 5,80 | 335 | 110 |
| UG 457/610/80-13 | 457 | 610 | 80 | H13 | 7,80 | 450 | 110 |
| UG 305/610/80-13 | 305 | 610 | 80 | H13 | 5,20 | 300 | 110 |
| UG 610/610/80-13 | 610 | 610 | 80 | H13 | 10,40 | 600 | 110 |
| UG 610/915/80-13 | 610 | 915 | 80 | H13 | 15,60 | 900 | 110 |
| UG 610/1220/80-13 | 610 | 1220 | 80 | H13 | 20,80 | 1200 | 110 |
| UG 610/1524/80-13 | 610 | 1524 | 80 | H13 | 26,00 | 1500 | 110 |
| UG 610/1830/80-13 | 610 | 1830 | 80 | H13 | 31,20 | 1800 | 110 |
| UG 610/762/80-13 | 610 | 762 | 80 | H13 | 13,00 | 750 | 110 |
| UG 762/762/80-13 | 762 | 762 | 80 | H13 | 16,20 | 935 | 110 |
| UG 915/915/80-13 | 915 | 915 | 80 | H13 | 23,40 | 1350 | 110 |
| UG 915/1220/80-13 | 915 | 1220 | 80 | H13 | 31,20 | 1800 | 110 |
| UG 305/305/80-14 | 305 | 305 | 80 | H14 | 2,60 | 150 | 120 |
| UG 457/457/80-14 | 457 | 457 | 80 | H14 | 5,80 | 335 | 120 |
| UG 457/610/80-14 | 457 | 610 | 80 | H14 | 7,80 | 450 | 120 |
| UG 305/610/80-14 | 305 | 610 | 80 | H14 | 5,20 | 300 | 120 |
| UG 610/610/80-14 | 610 | 610 | 80 | H14 | 10,40 | 600 | 120 |
| UG 610/915/80-14 | 610 | 915 | 80 | H14 | 15,60 | 900 | 120 |
| UG 610/1220/80-14 | 610 | 1220 | 80 | H14 | 20,80 | 1200 | 120 |
| UG 610/1524/80-14 | 610 | 1524 | 80 | H14 | 26,00 | 1500 | 120 |
| UG 610/1830/80-14 | 610 | 1830 | 80 | H14 | 31,20 | 1800 | 120 |
| UG 610/762/80-14 | 610 | 762 | 80 | H14 | 13,00 | 750 | 120 |
| UG 762/762/80-14 | 762 | 762 | 80 | H14 | 16,20 | 935 | 120 |
| UG 915/915/80-14 | 915 | 915 | 80 | H14 | 23,40 | 1350 | 120 |
| UG 915/1220/80-14 | 915 | 1220 | 80 | H14 | 31,20 | 1800 | 120 |

We reserve the right to make changes to the technical specifications at any time without prior notice, resulting from the continuous improvement of our products. The values shown are approximate and may fluctuate within tolerances. HEPA filters (High Efficiency Particulate Air Filters) undergo complete quality control starting from checking the quality of components to a thorough inspection and control of the finished product.

Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

Technical data for various models of UltraGel 80 mm thick filters

| | Dimensions [mm] | | | Filtration Class | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Resistance [Pa] |
|-------------------|-----------------|------|----|------------------|-----------------------------------|-----------------------------------|-------------------------|
| | W | H | D | | | | |
| UG 305/305/80-15 | 305 | 305 | 80 | U15 | 2,60 | 150 | 140 |
| UG 457/457/80-15 | 457 | 457 | 80 | U15 | 5,80 | 335 | 140 |
| UG 457/610/80-15 | 457 | 610 | 80 | U15 | 7,80 | 450 | 140 |
| UG 305/610/80-15 | 305 | 610 | 80 | U15 | 5,20 | 300 | 140 |
| UG 610/610/80-15 | 610 | 610 | 80 | U15 | 10,40 | 600 | 140 |
| UG 610/915/80-15 | 610 | 915 | 80 | U15 | 15,60 | 900 | 140 |
| UG 610/1220/80-15 | 610 | 1220 | 80 | U15 | 20,80 | 1200 | 140 |
| UG 610/1524/80-15 | 610 | 1524 | 80 | U15 | 26,00 | 1500 | 140 |
| UG 610/1830/80-15 | 610 | 1830 | 80 | U15 | 31,20 | 1800 | 140 |
| UG 610/762/80-15 | 610 | 762 | 80 | U15 | 13,00 | 750 | 140 |
| UG 762/762/80-15 | 762 | 762 | 80 | U15 | 16,20 | 935 | 140 |
| UG 915/915/80-15 | 915 | 915 | 80 | U15 | 23,40 | 1350 | 140 |
| UG 915/1220/80-15 | 915 | 1220 | 80 | U15 | 31,20 | 1800 | 140 |

Technical data for various models of UltraGel 90-104 mm thick filters

| | Dimensions [mm] | | | Filtration Class | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Resistance [Pa] |
|-------------------|-----------------|------|----|------------------|-----------------------------------|-----------------------------------|-------------------------|
| | W | H | D | | | | |
| UG 305/305/90-10 | 305 | 305 | 90 | E10 | 3,10 | 150 | 35 |
| UG 457/457/90-10 | 457 | 457 | 90 | E10 | 7,00 | 335 | 35 |
| UG 457/610/90-10 | 457 | 610 | 90 | E10 | 9,40 | 450 | 35 |
| UG 305/610/90-10 | 305 | 610 | 90 | E10 | 6,20 | 300 | 35 |
| UG 610/610/90-10 | 610 | 610 | 90 | E10 | 12,50 | 600 | 35 |
| UG 610/915/90-10 | 610 | 915 | 90 | E10 | 18,70 | 900 | 35 |
| UG 610/1220/90-10 | 610 | 1220 | 90 | E10 | 25,00 | 1200 | 35 |
| UG 610/1524/90-10 | 610 | 1524 | 90 | E10 | 31,20 | 1500 | 35 |
| UG 610/1830/90-10 | 610 | 1830 | 90 | E10 | 37,50 | 1800 | 35 |
| UG 610/762/90-10 | 610 | 762 | 90 | E10 | 15,60 | 750 | 35 |
| UG 762/762/90-10 | 762 | 762 | 90 | E10 | 19,50 | 935 | 35 |
| UG 915/915/90-10 | 915 | 915 | 90 | E10 | 28,10 | 1350 | 35 |
| UG 915/1220/90-10 | 915 | 1220 | 90 | E10 | 37,50 | 1800 | 35 |

Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

Technical data for various models of UltraGel 90-104 mm thick filters

| | Dimensions [mm] | | | Filtration Class | Filtration Area [m ²] | Air Flow Rate [m ³ /h] | Initial Resistance [Pa] |
|-------------------|-----------------|------|----|------------------|-----------------------------------|-----------------------------------|-------------------------|
| | W | H | D | | | | |
| UG 305/305/90-13 | 305 | 305 | 90 | H13 | 3,10 | 150 | 90 |
| UG 457/457/90-13 | 457 | 457 | 90 | H13 | 7,00 | 335 | 90 |
| UG 457/610/90-13 | 457 | 610 | 90 | H13 | 9,40 | 450 | 90 |
| UG 305/610/90-13 | 305 | 610 | 90 | H13 | 6,20 | 300 | 90 |
| UG 610/610/90-13 | 610 | 610 | 90 | H13 | 12,50 | 600 | 90 |
| UG 610/915/90-13 | 610 | 915 | 90 | H13 | 18,70 | 900 | 90 |
| UG 610/1220/90-13 | 610 | 1220 | 90 | H13 | 25,00 | 1200 | 90 |
| UG 610/1524/90-13 | 610 | 1524 | 90 | H13 | 31,20 | 1500 | 90 |
| UG 610/1830/90-13 | 610 | 1830 | 90 | H13 | 37,50 | 1800 | 90 |
| UG 610/762/90-13 | 610 | 762 | 90 | H13 | 15,60 | 750 | 90 |
| UG 762/762/90-13 | 762 | 762 | 90 | H13 | 19,50 | 935 | 90 |
| UG 915/915/90-13 | 915 | 915 | 90 | H13 | 28,10 | 1350 | 90 |
| UG 915/1220/90-13 | 915 | 1220 | 90 | H13 | 37,50 | 1800 | 90 |
| | | | | | | | |
| UG 305/305/90-14 | 305 | 305 | 90 | H14 | 3,10 | 150 | 100 |
| UG 457/457/90-14 | 457 | 457 | 90 | H14 | 7,00 | 335 | 100 |
| UG 457/610/90-14 | 457 | 610 | 90 | H14 | 9,40 | 450 | 100 |
| UG 305/610/90-14 | 305 | 610 | 90 | H14 | 6,20 | 300 | 100 |
| UG 610/610/90-14 | 610 | 610 | 90 | H14 | 12,50 | 600 | 100 |
| UG 610/915/90-14 | 610 | 915 | 90 | H14 | 18,70 | 900 | 100 |
| UG 610/1220/90-14 | 610 | 1220 | 90 | H14 | 25,00 | 1200 | 100 |
| UG 610/1524/90-14 | 610 | 1524 | 90 | H14 | 31,20 | 1500 | 100 |
| UG 610/1830/90-14 | 610 | 1830 | 90 | H14 | 37,50 | 1800 | 100 |
| UG 610/762/90-14 | 610 | 762 | 90 | H14 | 15,60 | 750 | 100 |
| UG 762/762/90-14 | 762 | 762 | 90 | H14 | 19,50 | 935 | 100 |
| UG 915/915/90-14 | 915 | 915 | 90 | H14 | 28,10 | 1350 | 100 |
| UG 915/1220/90-14 | 915 | 1220 | 90 | H14 | 37,50 | 1800 | 100 |
| | | | | | | | |
| UG 305/305/90-15 | 305 | 305 | 90 | U15 | 3,10 | 150 | 120 |
| UG 457/457/90-15 | 457 | 457 | 90 | U15 | 7,00 | 335 | 120 |
| UG 457/610/90-15 | 457 | 610 | 90 | U15 | 9,40 | 450 | 120 |
| UG 305/610/90-15 | 305 | 610 | 90 | U15 | 6,20 | 300 | 120 |
| UG 610/610/90-15 | 610 | 610 | 90 | U15 | 12,50 | 600 | 120 |
| UG 610/915/90-15 | 610 | 915 | 90 | U15 | 18,70 | 900 | 120 |
| UG 610/1220/90-15 | 610 | 1220 | 90 | U15 | 25,00 | 1200 | 120 |
| UG 610/1524/90-15 | 610 | 1524 | 90 | U15 | 31,20 | 1500 | 120 |
| UG 610/1830/90-15 | 610 | 1830 | 90 | U15 | 37,50 | 1800 | 120 |
| UG 610/762/90-15 | 610 | 762 | 90 | U15 | 15,60 | 750 | 120 |
| UG 762/762/90-15 | 762 | 762 | 90 | U15 | 19,50 | 935 | 120 |
| UG 915/915/90-15 | 915 | 915 | 90 | U15 | 28,10 | 1350 | 120 |
| UG 915/1220/90-15 | 915 | 1220 | 90 | U15 | 37,50 | 1800 | 120 |

We reserve the right to make changes to the technical specifications at any time without prior notice, resulting from the continuous improvement of our products. The values shown are approximate and may fluctuate within tolerances. HEPA filters (High Efficiency Particulate Air Filters) undergo complete quality control starting from checking the quality of components to a thorough inspection and control of the finished product.