**Product catalogue: VOLZ Filters**

**HT-glass fibre mats**

**Filter classes**

<table>
<thead>
<tr>
<th>G1 - G4</th>
<th>F5 - P9</th>
<th>E10 - E12</th>
<th>H13 - H14</th>
<th>U15 - U17</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>E</td>
<td>H</td>
<td>U</td>
<td></td>
</tr>
</tbody>
</table>

Particle sizes (not true to scale)

**Applications**

- Especially for final filtration of supply air in painting- and drying units

**Classification acc. to EN 779**

- Filter class F5 - yellow version

**Versions**

- Precuts for finished dimensions
- Also available as filterpack
- Standard rolls (GV180K/GV180G) e.g. 1.53 x 60 m

**Material characteristics**

- Tested according to EN 779
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r. h.
- Temperature resistant up to max. 200°C
- Contains no silicone or other lacquer harming substances

**Benefits of VOLZ Filters**

**Backing**

- GV180K clean air side is enforced with synthetic fibre fleece
- GV180G clean air side is enforced with glass fibre fleece
- DB200/0 clean air side with glass supporting tissue

**Temperature resistance**

- GV180K - up to max. 150°C
- GV180G - up to max. 200°C
- DB200/0 - up to max. 200°C

- Quality control of the complete production with internal filter test equipment and modern quality-management-tools

**VOLZ plus**

- www.volzfilters.com

**Classification acc. to EN 779**

- Filter class F5 - yellow version

**Material characteristics**

- Tested according to EN 779
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r. h.
- Temperature resistant up to max. 200°C
- Contains no silicone or other lacquer harming substances

**Benefits of VOLZ Filters**

**Backing**

- GV180K clean air side is enforced with synthetic fibre fleece
- GV180G clean air side is enforced with glass fibre fleece
- DB200/0 clean air side with glass supporting tissue

**Temperature resistance**

- GV180K - up to max. 150°C
- GV180G - up to max. 200°C
- DB200/0 - up to max. 200°C

- Quality control of the complete production with internal filter test equipment and modern quality-management-tools

**VOLZ plus**

- www.volzfilters.com

**Classification acc. to EN 779**

- Filter class F5 - yellow version

**Material characteristics**

- Tested according to EN 779
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r. h.
- Temperature resistant up to max. 200°C
- Contains no silicone or other lacquer harming substances

**Benefits of VOLZ Filters**

**Backing**

- GV180K clean air side is enforced with synthetic fibre fleece
- GV180G clean air side is enforced with glass fibre fleece
- DB200/0 clean air side with glass supporting tissue

**Temperature resistance**

- GV180K - up to max. 150°C
- GV180G - up to max. 200°C
- DB200/0 - up to max. 200°C

- Quality control of the complete production with internal filter test equipment and modern quality-management-tools

**VOLZ plus**

- www.volzfilters.com
**HT-glass fibre mats**

### Versions HT-glass fibre mats F5

<table>
<thead>
<tr>
<th>Product</th>
<th>Filter class</th>
<th>Material thickness approx.</th>
<th>Initial pressure drop</th>
<th>Recommended final pressure drop</th>
<th>Nominal air flow rate</th>
<th>Air velocity</th>
<th>Average efficiency (0.4µm)</th>
<th>Average temperature resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>GV180K</td>
<td>F5</td>
<td>19</td>
<td>150</td>
<td>600</td>
<td>2300</td>
<td>0.63</td>
<td>40 - 60</td>
<td>150</td>
</tr>
<tr>
<td>GV180G</td>
<td>F5</td>
<td>19</td>
<td>150</td>
<td>600</td>
<td>2300</td>
<td>0.63</td>
<td>40 - 60</td>
<td>200</td>
</tr>
<tr>
<td>DB200/0</td>
<td>F5</td>
<td>19</td>
<td>150</td>
<td>600</td>
<td>2300</td>
<td>0.63</td>
<td>40 - 60</td>
<td>200</td>
</tr>
</tbody>
</table>

**Graph HT-glass fibre mats F5**

![Graph HT-glass fibre mats F5](image-url)