CompaPleat
Compact Filters

Made from non-shedding synthetic fibres, CompaPleat filters are strong and ideally suited for environments where space is at a premium or airflows are high. Offering highly effective filtration they are ideal in many applications, including computing, engineering and pharmaceuticals.

Choose CompaPleat if you need a small filter to do a big job.

THE KEY BENEFITS

1. **Optimal Performance**
   The large filter area provided by CompaPleat’s unique pleat configuration ensures exceptional filtration and dust holding capacity where space is limited or airflows are high.

2. **Versatile**
   CompaPleat filters can be easily combined with other filters in one holding frame to meet specific air filtration requirements, saving money and space.

3. **Environmentally friendly**
   Plastic and cardboard frames are fully incinerable.
**CompaPleat**

Compact Filters

M5 - F7 EN779: 2012
50-70% ISO 16890

**APPLICATIONS**
- Offices
- Computer centres
- Hospitals
- Pharmaceuticals
- Fine mechanics
- Food industry
- Pre-filtration (e.g. for HEPA filters)

**VERSIONS**
- Frame type:
  - Plastic
  - Cardboard
  - Galvanised steel
- Optional foamed hygiene-gasket seal

**MATERIAL CHARACTERISTICS**
- Non-shedding synthetic fibres
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r.h.
- Temperature resistant up to 80°C
- Lacquer compatibility according to IPA control
- Tested according to EN779:2012 and ISO 16890

**CLASSIFICATION**
- Filter class M5 - F7

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### Standard versions CompaPleat M5 - F7

<table>
<thead>
<tr>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Depth (mm)</th>
<th>Filter Area (m²)</th>
<th>Airflow (m³/h)</th>
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<tbody>
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<td>48</td>
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<td>592</td>
<td>96</td>
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<td>1675</td>
</tr>
</tbody>
</table>

Standard Capacity 14 Pleats Per Linear Foot - Arrestance 92%; Recommended Final Arrestance 150 Pascals

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Special sizes are available.

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Frame example CompaPleat

Depending on application or usage, it is possible to choose the frame model depending on individual requirements

- version with metal frame
- version with plastic frame
- version with plastic frame and header (only in 96mm)
- special version with aluminium frame

**Information:** For “CompaPleat with header” version, description “header at clean air side” or “header at dust air side” is necessary.