• Prevents condensation
• Structure-borne noise control
• Euroclass B-s3,d0
• Fibre free
• Closed cell structure to prevent water vapour transmission
**Technical Data - Armaflex Duct Plus**

**Brief description**
Armaflex Duct Plus is a closed-cell insulation material especially designed and produced for the thermal and acoustic insulation of air-conditioning ducts. Armaflex Duct Plus insulation reduces heat losses and the closed-cell structure prevents water vapour transmission, thus avoiding the risk of corrosion.

**Material type**
High flexible closed-cell elastomeric foam material based on synthetic rubber. Factory made flexible elastomeric foam (FEF) according to EN 14304.

**Colour**
black

**Material Special Information**
Self-adhesive coating: pressure-sensitive adhesive coating on modified acrylate basis with mesh structure and covered with polyethylene foil.

**Remarks**
Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP

### Property | Value/Assessment | Test | Supervision | Special Remark
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**Temperature Range** |  |  |  |  
max. service temperature | +110 °C | EU 5697 | ○/● | Tested acc. to EN 14706, EN 14707 and EN 14304
min. service temperature | -50 °C | | |  
**Thermal Conductivity** | θm | +/0 °C | EU 5697 | ○/● | Declared acc. to EN ISO 13787
sheets 9 - λ | ≤ 0,036 W/(m · K) | (36 + 0,1 · θm + 0,0008 · (θm²)/1000) | |  
**Water vapour diffusion resistance** | μ | ≥ 7,000 | EU 5697 | ○/● | Tested acc. to EN 12086
**Fire performance** |  |  |  |  
Reaction to fire | sheets | B-s3, d0 | EU 5697 | ○/● | Classified acc. to EN 13501-1
**Practical Fire Behaviour** | Self-extinguishing, does not drip |  |  |  
**Other technical features** |  |  |  |  
Dimensions and tolerances | In accordance with EN 14304, table 1 | EU 5697 | ○/● | Tested acc. to EN 822, EN 823, EN 13467
**UV resistance** | Protection against UV-radiation is necessary: | TB 142 |  |  
**Storage & Shelf life** | self-adhesive sheets: 1 year |  |  | Can be stored in dry, clean rooms at normal relative humidity (50 % to 70 %) and ambient temperature (0 °C - 35 °C)

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1. If Armaflex is applied under UV-radiation the material must be protected within 3 days with a covering.

2. Further documents such as test certificates, approvals and the like can be requested using the registration number given.

3. Official supervision by independent institutes and/or test authorities

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Installation instructions are available in our Armaflex installation manual. Armaflex 520 adhesive and Clipse must be used to guarantee proper installation. For outside use, Armaflex should be protected with a suitable outer covering within 3 days of installation.

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### Armaflex Duct Plus sheets endless

<table>
<thead>
<tr>
<th>Code</th>
<th>Insulation thickness [mm]</th>
<th>Roll length [m]</th>
<th>Width [m]</th>
<th>m²/carton</th>
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</thead>
<tbody>
<tr>
<td>ADU-09MM/E-P</td>
<td>9.0</td>
<td>20</td>
<td>1.5</td>
<td>30</td>
</tr>
<tr>
<td>ADU-13MM/E-P</td>
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<td>24</td>
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<tr>
<td>ADU-19MM/E-P</td>
<td>19.0</td>
<td>12</td>
<td>1.5</td>
<td>18</td>
</tr>
<tr>
<td>ADU-25MM/E-P</td>
<td>25.0</td>
<td>8</td>
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<td>12</td>
</tr>
<tr>
<td>ADU-32MM/E-P</td>
<td>32.0</td>
<td>6</td>
<td>1.5</td>
<td>9</td>
</tr>
</tbody>
</table>

Length tolerance for sheets: +/- 1.5 %
Thickness tolerance for sheets:
- ≤ 6 mm: ±1.0 mm
- 7 - 19 mm: ±1.5 mm
- > 19 mm: ±2.0 mm

### Armaflex Duct Plus sheets endless self-adhesive

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