AZ187 – Lead Rubber Single Layer Material

In radiography this single layer lead rubber is the main material used as, for example, a cassette cover or as a cover angle to mask a defined X-ray field.

The high quality, robust material AZ187 has a double-sided, easy to clean coating and a fabric insert inside.

- **Polymer**
  - NR/BR/CSM

- **Degree of Hardness**
  - min. 55 +/- 5 Shore A (DIN 53505)

- **Composition**
  - lead rubber core - woven fabric inlay - outer rubber layer, double sided

- **Characteristics**
  - good ozone resistance
  - homogeneous distribution of the radiation absorbing additives
  - temperature resistance from -40°F to +158°F

- **Outer Cover/Colour**
  - double sided, pale rubber layer, in „medico white”

<table>
<thead>
<tr>
<th>Article No.</th>
<th>Pb-Value</th>
<th>Thickness</th>
<th>Area Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AZ18705</td>
<td>Pb 0.50 mm</td>
<td>2.90 - 3.30 mm</td>
<td>7,500 g/cm²</td>
</tr>
<tr>
<td>AZ18710</td>
<td>Pb 1.00 mm</td>
<td>4.56 - 5.16 mm</td>
<td>13,500 g/cm²</td>
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<tr>
<td>AZ18715</td>
<td>Pb 1.50 mm</td>
<td>6.00 - 6.80 mm</td>
<td>19,500 g/cm²</td>
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<tr>
<td>AZ18720</td>
<td>Pb 2.00 mm</td>
<td>7.90 - 8.90 mm</td>
<td>27,000 g/cm²</td>
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</tbody>
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