**PRODUCT SPECIFICATION**

<table>
<thead>
<tr>
<th>Matrix</th>
<th>NR / BR (natural rubber/butadiene rubber)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Black</td>
</tr>
<tr>
<td>Surface finish</td>
<td>lead free, abrasion resistant rubber surface on both sides</td>
</tr>
<tr>
<td>Lead equivalent</td>
<td>from 0.25 mm Pb</td>
</tr>
<tr>
<td>Mass per unit area</td>
<td>min. 4280 g/m²</td>
</tr>
<tr>
<td>Tensile strength (min.), longitudinal</td>
<td>75 daN / 50 mm</td>
</tr>
<tr>
<td>Temperature resistance</td>
<td>– 40°C up to +70°C</td>
</tr>
</tbody>
</table>

**APPLICATIONS**
This X-ray protection sheet is specially designed for the shielding of X-rays in X-ray inspection systems which are used for freight goods and luggage.

**ADVANTAGES AND CHARACTERISTICS**
- Excellent flexibility
- Good dynamic load in combination with a remarkable tensile strength
- High abrasion resistance
- Good slippage
- Lead rubber core with fabric layer in the middle of the sheet and rubber top surface on both sides
- On customer request, a special surface treatment (version C) can be used to achieve increased slippage

**COMPREHENSIVE SERVICE FROM THE OPTIBELT TEAM**

**100% QUALITY CONTROL FOR YOUR SAFETY**
All optibelt ELASTOMIT X-ray protection qualities (without fabric) – with a Pb lead equivalent of up to 0.35 mm Pb – are additionally checked for flaws using a Hi-Scan X-ray tunnel machine. In this way Optibelt guarantee a maximum of radiation safety.

**TECHNICAL SUPPORT**
To ensure that all X-ray inspection systems always work reliably, Optibelt offers comprehensive service throughout the world for optibelt ELASTOMIT X-ray protection films.
The wide product range consists with fabric inserts and layers, and with different top surfaces.

**CUSTOM-MADE BY OPTIBELT**
Developing, manufacturing and sales of high-quality elastomer sheeting are all in one hand at Optibelt.
Optibelt offers customized high performance products for all applications:
Custom-made products exactly to customers’ requirements. Optibelt’s engineers develop customized X-ray protection solutions for more efficiency and safety. Contact us!