The DÜRR NDT Imaging Plate product range has been carefully designed to fit the specific needs of the non-destructive testing industry with the different types covering the widest range of possible radiographic testing applications.

**Custom shapes and formats**

We are able to provide imaging plates from 2 - 35 cm in width and virtually unlimited length. Custom shapes are also possible, e.g. for specific workpieces or maintenance.

**Lifespan**

Imaging plates which are properly handled and maintained can typically be used up to 1000 times or more depending on the application.

**Selection of a suitable imaging plate**

For example, to test welds according to ISO 17636-2 Class B with a penetrated wall thickness of 2 mm, a basic spatial resolution (SRb) of 50 μm or better is required. Therefore, the use of HD/XHD imaging plates (which are capable of a SRb of 40 μm) is recommended as they easily fulfill this requirement.

For corrosion under insulation (CUI) evaluation, the challenge is the lower incoming radiation dose on the imaging plate due to the large penetrated wall thickness [tangential]. Therefore, a higher sensitivity imaging plate should be used to allow short exposure times. This high sensitivity can be provided by the CR/GCR imaging plates which still gives a 100 μm SRb to meet the requirements of EN 16407-1.

### Characteristics

<table>
<thead>
<tr>
<th>Type</th>
<th>Achievable SRb (duplex IQI pair)</th>
<th>Relative Dosage Required</th>
<th>Approximate Film Class Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>UH [Blue]</td>
<td>30 μm (D15+)</td>
<td>11.0</td>
<td>C2 D3 M</td>
</tr>
<tr>
<td>XHD [Blue]</td>
<td>40 μm (D14)</td>
<td>8.5</td>
<td>C3 D4 MX125</td>
</tr>
<tr>
<td>HD [Blue]</td>
<td>40 μm (D14)</td>
<td>4.5</td>
<td>C3 D4 MX125</td>
</tr>
<tr>
<td>HCR [White]</td>
<td>63 μm (D12)</td>
<td>2.5</td>
<td>C4 D5 T200</td>
</tr>
<tr>
<td>CR/GCR [White]</td>
<td>100 μm (D10)</td>
<td>1.0</td>
<td>C5 D7 AA400</td>
</tr>
</tbody>
</table>

1 Not available in the USA
2 BAM certified 30 μm SRb in combination with HD-CR 35 NDT (BAM/ZBF/003/15)
3 ISO 11699-1, Agfa, Kodak

### Most popular formats

- 6 x 24 cm  
- 6 x 48 cm  
- 10 x 24 cm  
- 10 x 48 cm  
- 18 x 24 cm  
- 24 x 30 cm  
- 30 x 40 cm  
- 35 x 43 cm

All types available in stock.