Application examples

- **High-strength bonding at thermal stress**
  For example bonding of:
  - highly stressed carbide inserts, hardened guide rail strips at machines, robot gripper constructions, electrical machines,
  - thin composite sandwich panels
  - DELO-DUOPOX AB8390
  - DELO-DUOPOX AD840
  - DELO-DUOPOX AD845
  - DELO-DUOPOX SJ8665
  - DELO-PUR 9392

- **High-strength bonding with fast initial strength**
  For example plastic to metal, garnish moldings resp. front spoilers of cars
  - DELO-PUR 9692
  - DELO-PUR 9694

- **High initial strength in very short periods of time**
  - DELO-DUOPOX 02 rapid
  - DELO-DUOPOX 03 rapid
  - DELO-DUOPOX 03 rapid thix
  - DELO-PUR 9692

- **High run resistance**
  - DELO-DUOPOX AB8390
  - DELO-DUOPOX AD897
  - DELO-DUOPOX SJ8665
  - DELO-PUR 9692
  - DELO-PUR 9694
  - DELO-PUR 9895
  - DELO-PUR SJ9356

- **Good tension-equalizing behavior**
  - DELO-DUOPOX CR8021
  - DELO-DUOPOX AD840
  - DELO-DUOPOX AD895
  - DELO-PUR 9691
  - DELO-PUR 9694
  - DELO-PUR 9895
  - DELO-PUR SJ9356

- **Impregnating / soaking / laminating**
  For example of porous materials such as cast, fabric and glass fibers, of windings
  - DELO-DUOPOX CR8014
  - DELO-DUOPOX CR8021
  - DELO-DUOPOX CR8031

- **Sealing and casting of electrical components**
  - DELO-DUOPOX CR8014
  - DELO-DUOPOX CR8015
  - DELO-DUOPOX CR8031
  - DELO-PUR 9691
  - DELO-PUR 9694
  - DELO-PUR 9895
  - DELO-PUR SJ9356

Epoxy resins
- two-component · cold-curing · high-strength to elastic

Polyurethanes
- two-component · cold-curing · tough-elastic
### Two-component adhesives

**Product group**
- Fast curing
- Plastic/tendon-equalling
- High toughness
- High heat resistance
- Easy to handle

**Product code**

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<th>Unreinforced</th>
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**Polyurethanes**

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**Use**

- DELO-DUOPOX and DELO-PUR products are used for high strength bonding of components which are extremely stressed to some extent. These products are constructive elements. The adhesive selection is made by checking the component material, stress, construction and processing technology. Application areas are mainly found in automotive and automotive supplier industry, mechanical and electrical engineering, plant construction, construction technology, energy technology, and architectural applications.

**Further information**

- More type-specific properties are included in the Technical Data Sheets. Material Safety Data Sheets and Instructions for Use. For application tests and any question you might have regarding the use of DELO products, please do not hesitate to contact the Engineering/Department.

**Dispersions for 50 ml double-chamber cartridges**

<table>
<thead>
<tr>
<th>Product code</th>
<th>A : B by volume</th>
<th>Processing time 1) [min]</th>
<th>Real-time / at +80 °C</th>
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<tr>
<td>DELO-XPRESS 907</td>
<td>1.6 : 1</td>
<td>3 h / 45 min</td>
<td>&gt; 10 MPa, at rt / at +80 °C</td>
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<tr>
<td>DELO-XPRESS 907</td>
<td>1.1 : 1</td>
<td>72 h / 60 min</td>
<td>&gt; 10 MPa, at rt / at +80 °C</td>
</tr>
</tbody>
</table>

**Dispersions for 250 ml double-chamber cartridges**

<table>
<thead>
<tr>
<th>Product code</th>
<th>A : B by volume</th>
<th>Processing time 1) [min]</th>
<th>Real-time / at +80 °C</th>
</tr>
</thead>
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<tr>
<td>DELO-XPRESS 907</td>
<td>1.6 : 1</td>
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<td>&gt; 10 MPa, at rt / at +80 °C</td>
</tr>
<tr>
<td>DELO-XPRESS 907</td>
<td>1.1 : 1</td>
<td>72 h / 60 min</td>
<td>&gt; 10 MPa, at rt / at +80 °C</td>
</tr>
</tbody>
</table>

**Mixing and containers for 50 ml double-chamber cartridges**

- Mixing tube F 200 long
- Mixing tube F 200 short
- Mixing tube F 490 thin
- Mixing tube B 050 short, with clip-on nozzle
- Mixing tube F 200 long*, with clip-on nozzle

**Mixing and containers for 250 ml double-chamber cartridges**

- Mixing tube F 200 long
- Mixing tube F 200 short
- Mixing tube F 490 thin
- Mixing tube B 050 short, with clip-on nozzle

**Applications**

- Strong bonding of light materials; bonding of injection-molded parts and foams; bonding of metal and thermoplastics; bonding of metal and wood; bonding of metal and glass; bonding of metal and leather; bonding of metal and porcelain; bonding of metal and plastic; bonding of metal and rubber; bonding of metal and textile; bonding of metal and wood; bonding of metal and wood.

- Strong bonding of heavy materials; bonding of injection-molded parts and foams; bonding of metal and thermoplastics; bonding of metal and wood; bonding of metal and glass; bonding of metal and leather; bonding of metal and porcelain; bonding of metal and plastic; bonding of metal and rubber; bonding of metal and textile; bonding of metal and wood.

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