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,
  - fiber composite sandwich panels
  - DELO-DUOPOX AB8390
  - DELO-DUOPOX AD840
  - DELO-DUOPOX AD895
  - DELO-DUOPOX SJ8665
  - DELO-PUR 9692

• 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-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 CR9014
  - DELO-DUOPOX CR9021
  - DELO-DUOPOX CR9041
  - especially for narrow gaps, tension-equalizing, flexible
  - DELO-PUR 9691
  - tension-equalizing, fast initial strength
Two-component adhesives

<table>
<thead>
<tr>
<th>Product code</th>
<th>Epoxy resins DELO-DUOPOX</th>
<th>Polyurethanes DELO-PUR</th>
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<tbody>
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### Pressure-sensitive adhesives

- **Use**: DELO-DUOPOX and DELO-PUR products are used for high strength bonding of components which are extremely sensitive to some extent. These products are construction elements. The adhesive selection is governed by component material, stresses, construction and processing technology. Application areas are mainly found in automotive, electronics, plant construction, construction technology, energy technology, bonding, and joining.

### 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 our Engineering Department.

### Mixing tubes and accessories for 50 ml double cartridge adhesives

- **Mixing tube B 050 short**, with clip-on nozzle
- **Mixing tube B 050 short*, for the dispensing with Euro cartridge dispensing guns
- **Mixing tube F 200 thin*, pneumatic operation; for 1 : 1 cartridges
- **Mixing tube F 200 short*, manual operation; for 1 : 1 and 2 : 1 cartridges
- **Luer-lock adapter for dispensing tips available**
- **DELO-DUOPOX 902**
- **DELO-PUR 902**
- **DELO-DUOPOX 903**
- **DELO-PUR 903**
- **DELO-DUOPOX 907**
- **DELO-PUR 907**
- **DELO-DISP 086 for 50 ml double cartridge adhesives**
- **DELO-DISP 087 for 50 ml double cartridge adhesives**

### Mixing tubes and accessories for 100 ml double cartridge adhesives

- **Mixing tube B 200 short**, with clip-on nozzle
- **Mixing tube B 200 short* for the dispensing with Euro cartridge dispensing guns
- **Mixing tube F 300 thin* pneumatic operation; for 1 : 1 cartridges
- **Mixing tube F 300 short*, manual operation; for 1 : 1 and 2 : 1 cartridges
- **Luer-lock adapter for dispensing tips available**
- **DELO-DUOPOX 902**
- **DELO-PUR 902**
- **DELO-DUOPOX 903**
- **DELO-PUR 903**
- **DELO-DUOPOX 907**
- **DELO-PUR 907**
- **DELO-DISP 086 for 100 ml double cartridge adhesives**
- **DELO-DISP 087 for 100 ml double cartridge adhesives**

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**Table**: Properties and advantages of products

- **Product description**: DELO-DUOPOX and DELO-PUR products are two-component epoxic and DELO-XPRESS 903, 902 and 902B, for the use with respect to low cure shrinkage. DELO-DUOPOX and DELO-PUR products are two-component epoxic and DELO-PUR products are high-strength bonding of components, which are extremely sensitive to some extent. These products are construction elements. The adhesive selection is governed by component material, stresses, construction and processing technology. Application areas are mainly found in automotive, electronics, plant construction, construction technology, energy technology, bonding, and joining.

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