ROTATING GERMAN WHEEL PEEL FIXTURES
to test the bond strength of tapes, plastic and paper films, laminated release coatings at 90° peel angle.
Related standards: DIN 53357-B, ISO 6133, IPC-TM-650 2.4.9

Item no.: TH3-90
Conforms to standard:
DIN 53357-B
Testing of Plastic Sheets; Adhesion Test
Max. load capacity: 4 kN
Wheel Ø: 90 mm (3.54 in)
Coupling: Af159 mm. Further couplings on request
Weight: 2 kg
Body: Anodized aluminium
Holder: Steel
Standard temperature range: 0 ... +70°C
Further temperature ranges possible on request
Scope of delivery: 1 fixture
**Item no.:** TH3-90-KL

- **With a clamp to fix the sample.**
- **Conforms to standard:** DIN 53357-B
  - Testing of Plastic Sheets; Adhesion Test
- **Max. load capacity:** 4 kN
- **Wheel Ø:** 90 mm (3.54 in)
- **Coupling:** Af159 mm. Further couplings on request
- **Weight:** 2.05 kg
- **Body:** Anodized aluminium
- **Holder:** Steel
- **Standard temperature range:** 0 ... +70°C
  - Further temperature ranges possible on request
- **Scope of delivery:** 1 fixture

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**Dimensions:**

```
<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Ø</td>
<td>90 mm (3.54 in)</td>
</tr>
<tr>
<td>Coupling</td>
<td>Af159 mm. Further couplings on request</td>
</tr>
<tr>
<td>Weight</td>
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<tr>
<td>Body</td>
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<td>Standard temperature range</td>
<td>0 ... +70°C</td>
</tr>
</tbody>
</table>
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**Scope of delivery:**

1 fixture
**Item no.:** TH3-152.4

**Conforms to standards:**
- ISO 6133
  Rubber and plastics - Analysis of multipeak traces obtained in determination of tear strength and adhesion strength
- IPC-TM-650 2.4.9
  Peel Strength, Flexible Dielectric Materials

**Max. load capacity:** 4 kN

**Wheel Ø:** 152.4 mm (6 in)

**Coupling:** Af159 mm. Further couplings on request

**Weight:** 3.3 kg

**Body:** Anodized aluminium

**Holder:** Steel

**Standard temperature range:** 0 ... +70°C
Further temperature ranges possible on request

**Scope of delivery:** 1 fixture
Examples for customized solutions:

**Item no.: TH3-S21**  
Peel test fixture with interchangeable rollers:  
Ø 11.8, 13.8, 15.8, 21.8, 25.8 mm  
Weight: 1 kg

**Item no.: TH3-38-S**  
Interchangeable rollers Ø 11, 14, 19, 25 mm  
Roller width 38 mm