**PEEL TEST FIXTURE**

to measure the bond strength

The sliding table provides a steady movement to maintain a constant peel angle. The peel point remains in the centre.

ASTM-B571-Nr.11, EN28510, ISO 8510-1, ASTM-D2861-Fig.A, DIN EN1939 Fig.B1, ASTM-D3330, GOST-26246, ASTM-D6862, ASTM-D6252

<table>
<thead>
<tr>
<th>Item-No.:</th>
<th>TH50</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° peel test fixture for adhesives</td>
<td></td>
</tr>
<tr>
<td>Max. load:</td>
<td>5 kN</td>
</tr>
<tr>
<td>Coupling:</td>
<td>M6 (upper) and Af159 (lower) Further couplings on request</td>
</tr>
<tr>
<td>Specimen width max.:</td>
<td>Max. 50 mm</td>
</tr>
<tr>
<td>Specimen length max.:</td>
<td>Max. 280 mm</td>
</tr>
<tr>
<td>Body:</td>
<td>Steel, nickel-plated</td>
</tr>
<tr>
<td>Temperature range:</td>
<td>0 – 70 °C Further temperature ranges on request</td>
</tr>
<tr>
<td>Weight:</td>
<td>5.4 kg</td>
</tr>
<tr>
<td>Scope of delivery:</td>
<td>Fixture incl. mounting bar, wire and wire end tubes</td>
</tr>
</tbody>
</table>
Item-No.: TH50+SW1

Like TH50, but with adjustable peel angle ±30°

Max. load: 5 kN
Coupling: M6 (upper) and Af159 (lower)
Specimen width max.: Max. 50 mm
Specimen length max.: Max. 280 mm
Body: Steel, nickel-plated
Temperature range: 0 – 70 °C
Weight: 7.6 kg
Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes
**Item-No.:** TH50-W130

Like TH50, but 130 mm wide

- **Max. load:** 5 kN
- **Coupling:** M6 (upper) and AF159 (lower)  
  Further couplings on request
- **Specimen width max.:** Max. 100 mm
- **Specimen length max.:** Max. 280 mm
- **Body:** Steel, nickel-plated
- **Temperature range:** 0 to 70 °C  
  Further temperature ranges on request
- **Weight:** 7.1 kg
- **Scope of delivery:** Fixture incl. mounting bar, wire and wire end tubes
**Item-No.: TH50-W130+SW1**

Like TH50-W130, but with adjustable peel angle ±30°

Max. load: 5 kN

Coupling: M6 (upper) and Af159 (lower)

Specimen width max.: Max. 100 mm

Specimen length max.: Max. 280 mm

Body: Steel, nickel-plated

Temperature range: 0 – 70 °C

Max. 9.2 kg

Scope of delivery: Fixture incl. mounting bar, wire and wire end tubes
Fixing proposal for wires behind load cell

(standard)
Fixing proposal for wires in crosshead (special)
TH50 fixing proposal for wires in temperature chamber TH2700 (special)
Videos:

**TH50-S26-W260**
Peel test

Watch video

Accessories:

**Item no.: TH50-PL03**
Carrier platen for samples, dimensions 56 x 280 x 2 mm, stainless steel

**Item no.: TH50-PL03-W130**
Carrier platen for samples, for TH50 fixtures with 130 mm width, dimensions 106 x 280 x 2 mm stainless steel

Recommendations for upper grip to hold a specimen:

[THS470 Datasheet](#)
[THS341 Datasheet](#)
[TH227 Datasheet](#)
Examples for customized solutions:

Single column version

TH50-B260-L300-SW1 +30°

TH50+SW5 0-90°

TH50+S13- top platen lateral movable

TH50-S19
TH50

TH50-TT – upper top platen 126 mm wide

TH50-S26 – with movable platens
[https://youtu.be/-H50tFFZUk](https://youtu.be/-H50tFFZUk)

TH50-SW1-T200-Ni-S27

TH50-W1000 – extra wide version

TH50-W260

TH50-THS860 – with clamping jaws

Fixtures similar to TH50:

TH3980

TH3980 motorised version
Adjustable peel angle ±90°
Sensor allows to keep the peel angle constant
For elastic adhesive tapes
[http://www.youtube.com/watch?v=PKczkayxHtc](http://www.youtube.com/watch?v=PKczkayxHtc)

THS891

04.09.201901

All specifications subject to change without prior notice