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>
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</tbody>
</table>
| Coupling: | M6 (upper) and Af159 (lower)  
Further couplings on request |
| Specimen width max.: | Max. 50 mm |
| Specimen length max.: | Max. 280 mm |
| Body: | Steel, nickel-plated |
| Temperature range: | 0 – 70 °C  
Further temperature ranges on request |
| Weight: | 5.4 kg |
| Scope of delivery: | Fixture incl. mounting bar, wire and wire end tubes |
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

All specifications subject to change without prior notice
**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 – 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)
Further couplings on request

Specimen width max.: Max. 100 mm
Specimen length max.: Max. 280 mm

Body: Steel, nickel-plated

Temperature range: 0 – 70 °C
Further temperature ranges on request

Weight: 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-S13 - top platen lateral movable

TH50+SW5 0-90°

TH50-S19
TH50-TT – upper top platen 126 mm wide

TH50-S26 – with movable platens
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=PKczkayxHtcK

THS891