PRODUCT DATA SHEET

ISO 29862 Peel Fixture

90° Peel Sliding Table for Self-Adhesive Tapes

Built to ISO 29862 — Self adhesive tapes — Determination of peel adhesion properties



OVERVIEW

Sliding table fixture for 90° peel adhesion tests on self-adhesive tapes. The test plate rides on bearing rollers, and a cable linked to the crosshead moves the table as the tape is peeled, so the peel point stays under the load cell and the peel angle remains 90° throughout.

KEY FEATURES

- Bearing-roller carriage gives low-friction table travel
- Cable linkage synchronises table movement with crosshead travel
- Spring-loaded clamp bar holds test plates of different thickness
- Knurled thumb screws for quick plate change
- Supplied with adapters to suit your load frame (clevis or threaded)

TECHNICAL SPECIFICATIONS

Test method	90° peel adhesion
Test type / loading	Tension, constant 90° peel
Specimens	Tape strips on standard test plates
Load capacity	500 N typical; other capacities on request
Fixture material	Steel and aluminum alloy
Contact surfaces	Test plate on low-friction sliding table
Machine connection	Clevis pin or threaded adapter, to suit customer frame
Compatible frames	Electromechanical universal test machines

APPLICATIONS

- Pressure-sensitive adhesive tapes
- Labels and protective films
- Adhesive formulation development
- Tape converter quality control

ABOUT THE STANDARD

ISO 29862 specifies methods for determining the peel adhesion of self-adhesive tapes, at 180° and 90°, to standard test plates and to the tape's own backing. Tape is applied with a standard roller, conditioned and peeled at constant speed, and the mean peel force per unit width is reported.

Ordering & customization: Specify test plate size and thickness, tape width, required capacity and test machine connection when ordering.

Specifications are typical and may vary by configuration; confirm at time of quote. Users should refer to the current edition of the standard for test procedures. Part ref. UGC-ISO29862-PF