

T-Peel Fixture with Pneumatic Grips

Built to ISO 11339 — Adhesives — T-peel test for flexible-to-flexible bonded assemblies



OVERVIEW

T-peel test set for flexible-to-flexible bonded assemblies and seals. Matched pneumatic side-acting grips clamp the two unbonded legs, while a guided tail-support frame between them can hold the bonded section for supported peel; the crosshead separates the legs and records peel force.

KEY FEATURES

- Matched pneumatic grips give equal, repeatable clamping on both legs
- Guided tail-support frame for supported or unsupported peel
- Narrow jaws suit 25 mm wide strips
- Pneumatic actuation speeds loading and reduces operator variation
- Supplied with adapters to suit your load frame (clevis or threaded)

TECHNICAL SPECIFICATIONS

Test method	T-peel test, per ISO 11339
Test type / loading	T-peel, constant crosshead speed
Specimens	Flexible-to-flexible bonded strips, typically 25 mm wide
Load capacity	500 N standard; other capacities on request
Grip material	Aluminium and stainless steel
Gripping surfaces	Flat or serrated jaw faces to suit material
Machine connection	Clevis or threaded adapter; compressed air supply required
Compatible frames	Electromechanical universal test machines, low-force frames

APPLICATIONS

- Flexible metal and laminate bonds
- Medical packaging seals
- Films, foils and coated fabrics
- Adhesive and sealant QC

ABOUT THE STANDARD

ISO 11339 specifies a T-peel test for determining the peel resistance of adhesive bonds between two flexible adherends. The unbonded ends of the specimen are clamped in opposing grips and pulled apart at a constant speed, forming a T shape; the average peel force per unit width over a defined length of peel is reported.

Ordering & customization: Specify specimen width and material, supported or unsupported peel, air supply 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-ISO11339-PF