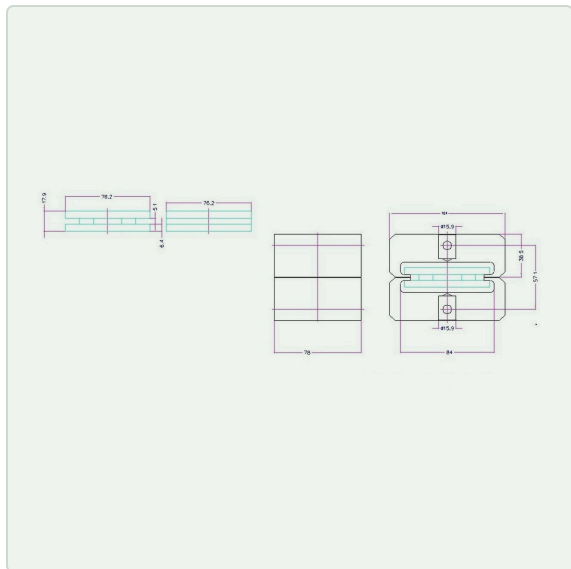


Yield Strength Fixture for Preformed Tape Sealants

Built to ASTM C908 — Standard Test Method for Yield Strength of Preformed Tape Sealants



OVERVIEW

Test fixture for determining the yield strength of preformed tape sealants. A tape specimen is assembled between rigid substrate plates, and the fixture holds the plates in alignment while load is applied at a controlled rate, allowing the yield point of the soft, viscoelastic tape to be identified from the load-displacement record.

KEY FEATURES

- Rigid substrate plates hold tape specimen geometry
- Aligned holders keep loading consistent across the bond
- Low-capacity design suits soft tape sealant forces
- Quick specimen changeover for test series
- Supplied with adapters to suit your load frame

TECHNICAL SPECIFICATIONS

Test method	Yield strength of preformed tape sealants
Test type / loading	Controlled-rate loading, yield from load curve
Specimens	Tape between substrate plates per ASTM C908
Load capacity	1 kN standard; higher capacities on request
Fixture material	Steel and aluminum, corrosion-resistant finish
Contact surfaces	Rigid substrate plates sized to specimen
Machine connection	Clevis pin or threaded adapter, to suit customer frame
Compatible frames	Electromechanical universal test machines

APPLICATIONS

- Preformed tape sealant QC
- Glazing tape specification
- Butyl and polyisobutylene tape development
- Incoming material inspection

ABOUT THE STANDARD

ASTM C908 determines the yield strength of preformed tape sealants, a measure of the tape's resistance to flow under load. A prepared tape specimen is loaded between substrates at a defined rate and the yield value is taken from the load-deformation curve. The method supports specification and quality control of tape sealants used in glazing and construction joints.

Ordering & customization: Specify tape width and thickness, substrate material 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-C908-TF