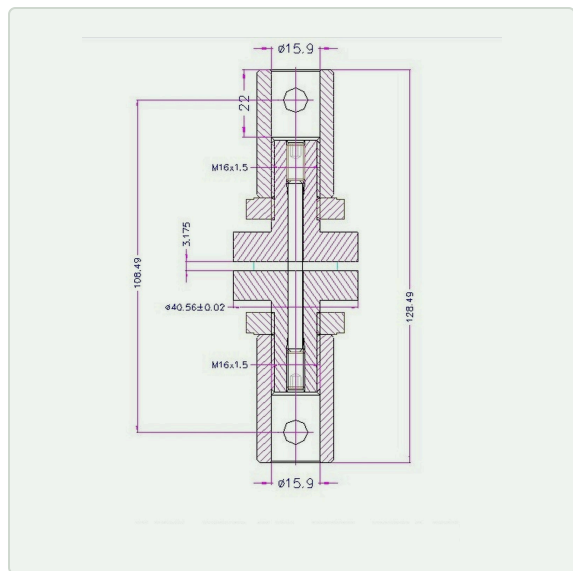


ASTM C907 Compression Platens

Disk Method Fixture for Preformed Tape Sealants

Built to ASTM C907 — Standard Test Method for Tensile Adhesive Strength of Preformed Tape Sealants by Disk Method



OVERVIEW

Platen and disk fixture for tensile adhesive testing of preformed tape sealants. Tape is placed between two disks, compressed between platens to form the bond, and then the disk assembly is pulled apart in tension. Parallel faces and aligned holders keep the bond loaded uniformly to reveal adhesive or cohesive failure.

KEY FEATURES

- Parallel, ground platen faces for uniform tape compression
- Disk holders keep the bond axis aligned during pull-off
- Same fixture used for compression set-up and tensile pull
- Interchangeable disks for different substrates
- Supplied with adapters to suit your load frame

TECHNICAL SPECIFICATIONS

Test method	Disk method tensile adhesion of tape sealants
Test type / loading	Compression to bond, then tension to failure
Specimens	Tape sealant between disks per ASTM C907
Load capacity	2 kN standard; higher capacities on request
Fixture material	Steel and aluminum, corrosion-resistant finish
Contact surfaces	Ground platens; interchangeable bonding disks
Machine connection	Clevis pin or threaded adapter, to suit customer frame
Compatible frames	Electromechanical universal test machines

APPLICATIONS

- Preformed tape sealant QC
- Glazing and curtain wall tapes
- Butyl and polyisobutylene tapes
- Substrate adhesion comparisons

ABOUT THE STANDARD

ASTM C907 is a laboratory procedure for determining the tensile adhesive strength of preformed tape sealants. The tape is sandwiched between disks, conditioned, and pulled apart in tension normal to the bond. The failure mode is recorded, and the relative degree of adhesive or cohesive failure can be estimated, supporting tape sealant comparison and quality control.

Ordering & customization: Specify disk diameter and substrate material, tape thickness range 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-C907-CP