PUNCTURE FIXTURES

Tape Puncture Resistance Fixture

Puncture resistance fixture for pressure-sensitive adhesive tapes to ASTM D1000



OVERVIEW

A puncture resistance fixture for pressure-sensitive adhesive-coated tapes according to ASTM D1000, Figure 9. The tape specimen is held across the fixture and penetrated by a probe driven by the testing machine, recording the force needed to puncture the backing. It is used to qualify electrical insulating tapes and similar tape products.

KEY FEATURES

- Configured to ASTM D1000, Figure 9
- Holds tape specimens across the test opening
- Probe mounted on a clevis adapter
- Records the peak puncture force of the tape backing
- Suitable for electrical insulating and other PSA tapes
- Perforation test version to customer specification available

TECHNICAL SPECIFICATIONS

Test type	Puncture resistance
Specimen	Pressure-sensitive adhesive tapes
Probe	Per ASTM D1000 Fig. 9
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Max. load	On request
Material	Steel, nickel-plated (typical)
Temperature range	On request

AVAILABLE VERSIONS

ASTM D1000 Fig. 9	Tape puncture resistance
Perforation version	Resistance-to-perforation fixture to customer specification

APPLICATIONS

- Electrical insulating tapes
- Pressure-sensitive tapes
- Wire harness tapes
- Tape QC labs

STANDARDS ASTM D1000

Ordering & customization: Specify the tape standard or specification, tape width and the machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PF-210