PUNCTURE FIXTURES

Fabric Stiffness Puncture Fixture Similar Method

Circular bend stiffness fixture for fabrics, similar to ASTM D4032



OVERVIEW

A puncture-type fixture for estimating fabric stiffness by a circular bend method similar to ASTM D4032. The fabric lies on a platform plate with a circular orifice, supported on four columns, and a flat-ended plunger pushes it through the hole. The peak force indicates bending stiffness and is used to compare fabrics where the full standard geometry is not required.

KEY FEATURES

- Circular bend method similar to ASTM D4032
- Platform plate with circular orifice on four columns
- Flat-ended cylindrical plunger on the upper adapter
- Open frame lets the fabric pass through freely
- Lightweight aluminum and steel construction for easy handling
- Pin couplings on plunger and base

TECHNICAL SPECIFICATIONS

Test type	Circular bend stiffness
Method	Similar to ASTM D4032
Orifice	On request (Ø 19 mm version available)
Plunger	Flat-ended (Ø 12.7 mm version available)
Max. load	On request
Coupling	Clevis pin coupling - other sizes via adapters
Material	Aluminum / steel (as pictured)

APPLICATIONS

- Woven and knitted fabrics
- Nonwoven fabrics
- Technical textiles
- Comparative stiffness checks

Ordering & customization: Specify orifice and plunger diameters, fabric type 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-190