PUNCTURE FIXTURES

Food Packaging Foil Puncture Fixture JIS Z1707

Needle puncture fixture for food packaging films to JIS Z 1707



OVERVIEW

A puncture fixture for testing the piercing strength of food packaging films according to JIS Z 1707. The film is clamped between stainless steel plates with a 20 mm opening and pierced by a 1 mm diameter needle at constant speed. The maximum force to puncture is recorded as the piercing strength of the film.

KEY FEATURES

- Built to JIS Z 1707 for food packaging films
- Specimen opening of Ø 20 mm
- Needle of Ø 1 mm, 20 mm long
- Clamping plate holds the film flat during the test
- Stainless steel construction suitable for food labs
- 250 N capacity matched to film testing

TECHNICAL SPECIFICATIONS

Max. load	250 N
Test type	Needle puncture
Specimen opening	Ø 20 mm
Needle	Ø 1 × 20 mm
Plates	Lower and upper 120 × 80 mm; clamping plate 55 × 80 mm
Material	Stainless steel
Coupling	On request

APPLICATIONS

- Food packaging films
- Retort pouches
- Laminated films
- Packaging QC

STANDARDS JIS Z 1707

Ordering & customization: Specify the machine coupling and film thickness range.

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-170