PEEL FIXTURES

Yogurt Cup Peel Fixture

Vacuum cup holder with adjustable angle for lid peel tests on sealed containers



OVERVIEW

A fixture for measuring the seal strength of peelable lids on yogurt cups and similar sealed containers. The cup is held in a holder by vacuum and set at a defined angle on a graduated tilting segment, while a small grip pulls the lid tab upward. This reproduces the consumer opening motion and gives repeatable peel force measurements.

KEY FEATURES

- Cup held securely by vacuum without deforming the wall
- Graduated tilting segment sets the peel angle
- Fixed 0° / 45° or adjustable angle versions
- Lever lock holds the selected angle
- Accepts cups up to 70–75 mm high
- Used with a small upper grip for the lid tab

TECHNICAL SPECIFICATIONS

Test type	Lid peel / seal strength
Specimen	Cups and containers up to 70–75 mm high
Peel angle	0° and 45°, or adjustable up to 60°, by version
Cup fixation	Vacuum
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Temperature range	0 to +70 °C
Max. load	On request
Upper grip	Ordered separately

AVAILABLE VERSIONS

Vacuum, 0° and 45°	Cup height max. 75 mm
Adjustable angle	Cup height max. 70 mm
Adjustable 0–60°	Wider angle range

APPLICATIONS

- Dairy cups
- Food tray lids
- Portion packs
- Peelable lidding films

Ordering & customization: Specify cup diameter and height, required peel angle range and the upper grip; a vacuum source is needed.

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-PL-040