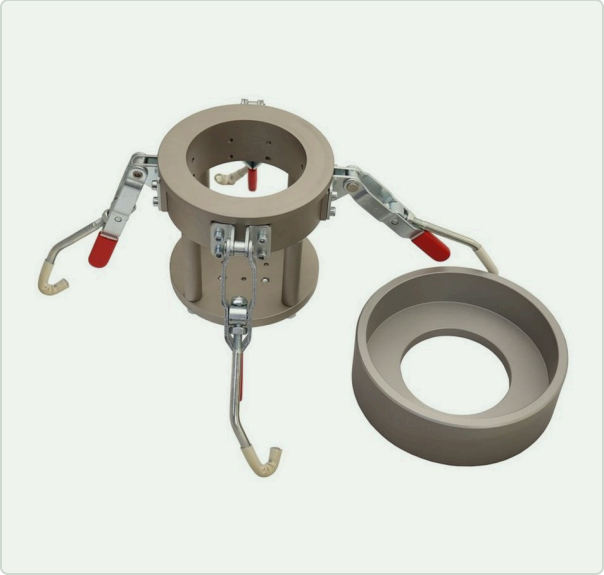
PUNCTURE FIXTURES

Shade Net Ball Burst Fixture

Ball burst fixture with toggle-clamp holder for HDPE woven shade nets



OVERVIEW

A ball burst fixture for testing shade nets and other woven HDPE nets. The specimen, at least 150 mm in diameter, is clamped over a 102 mm opening by four toggle clamps and pushed through by a 50 mm plastic ball probe. The maximum force and displacement describe the burst resistance of the net.

KEY FEATURES

- Plastic ball probe of Ø 50 mm
- Specimen holder with Ø 102 mm opening
- Four toggle clamps for quick specimen changes
- Holder height of 146 mm allows full probe travel
- Lightweight construction of steel, aluminum and plastic
- Female clevis coupling for Ø 15.9 mm (5/8 in) pin

TECHNICAL SPECIFICATIONS

Test type	Ball burst
Specimen	Shade nets, HDPE woven nets, min. Ø 150 mm
Ball probe	Ø 50 mm, plastic
Opening	Ø 102 mm
Holder height	146 mm
Clamping	4 toggle clamps
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Material	Steel, aluminum, plastic
Max. load	On request

APPLICATIONS

- Agricultural shade nets
- HDPE woven nets
- Insect and hail nets
- Geonets and meshes

Ordering & customization: Specify net type and specimen size, expected burst force 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-200