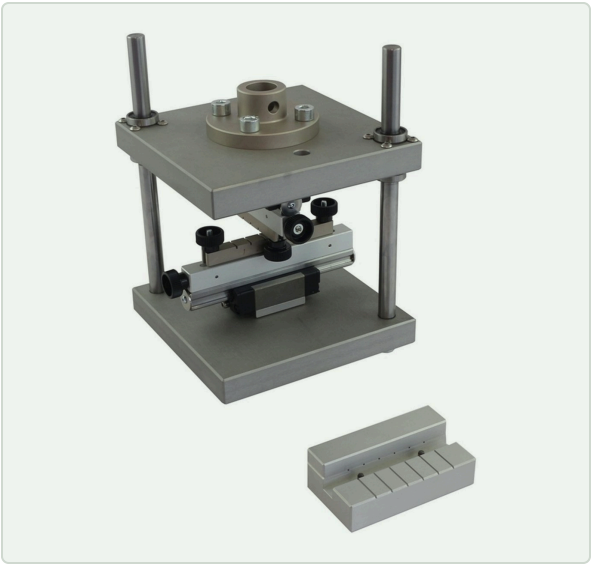
STANDARDS TEST FIXTURE

Paperboard Z-Direction Tensile Fixture ISO 15754

Z-direction tensile strength fixture for paper and paperboard to ISO 15754 and TAPPI T541



OVERVIEW

Fixture for determining the z-directional (out-of-plane) tensile strength of paper and paperboard according to ISO 15754 and TAPPI T541. The specimen is bonded between two tester platens, which are aligned using the supplied alignment device and then pulled apart by the testing machine until the sheet delaminates internally.

KEY FEATURES

- Designed for z-direction tensile tests to ISO 15754 and TAPPI T541
- Supplied with two tester platens and an alignment device
- Alignment device keeps the platens parallel during specimen bonding
- Anodized aluminum body with nickel-plated steel platens
- Standard 20 mm clevis coupling for direct machine mounting
- Press roller for specimen application available separately

TECHNICAL SPECIFICATIONS

Test type	Z-direction tensile
Standards	ISO 15754, TAPPI T541
Specimen	Paper and paperboard
Scope of supply	Fixture, 2 tester platens, alignment device
Coupling	Female clevis, Ø 20 mm pin
Material	Body aluminum, anodized; platens steel, nickel-plated
Max. load	On request
Temperature range	On request

APPLICATIONS

- Paperboard producers
- Ply bond evaluation
- Folding carton board QC
- Paper testing laboratories

STANDARDS ISO 15754, TAPPI T541

Ordering & customization: Specify the machine coupling and the number of spare tester platens; add the press roller if 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-ST-470