ASTM D2724 Peel Fixture

Peel Fixture for Bonded and Laminated Fabrics

Built to ASTM D2724 — Standard Test Methods for Bonded, Fused, and Laminated Apparel Fabrics



OVERVIEW

Peel fixture for measuring the bond strength between layers of bonded, fused and laminated apparel fabrics. The separated plies at one end of the specimen are clamped in opposing grips and pulled apart, and the force needed to delaminate the layers is recorded over the peel length.

KEY FEATURES

- Pair of fabric grips for peeling the separated plies
- Wide, rubber-faced jaws hold fabric without slippage or damage
- Grips self-align to keep the peel plane on the load axis
- Quick clamping for high-throughput testing
- Supplied with adapters to suit your load frame (clevis or threaded)

TECHNICAL SPECIFICATIONS

Test method	Ply bond strength (peel)
Test type / loading	Tension, separation of bonded plies
Specimens	Bonded or laminated fabric strips per ASTM D2724
Load capacity	500 N standard; higher capacities on request
Fixture material	Aluminum and steel, corrosion-resistant finish
Gripping surfaces	Rubber-faced or serrated jaw faces
Machine connection	Clevis pin or threaded adapter, to suit customer frame
Compatible frames	Electromechanical universal test machines

APPLICATIONS

- Fused interlinings
- Foam and film laminated fabrics
- Bond durability after laundering
- Apparel textile QC

ABOUT THE STANDARD

ASTM D2724 covers bonded, fused and laminated apparel fabrics, including determination of the bond strength between plies and evaluation after dry cleaning or laundering. Specimens are partially separated by hand and the plies peeled apart in a tensile tester. Results indicate whether laminated constructions will withstand garment use and care.

Ordering & customization: Specify specimen width, fabric construction, required capacity and test machine connection when ordering.

Specifications are typical and may vary by configuration; confirm at time of quote. Users should refer to the current edition of the standard for test procedures. Part ref. UGC-D2724-PF