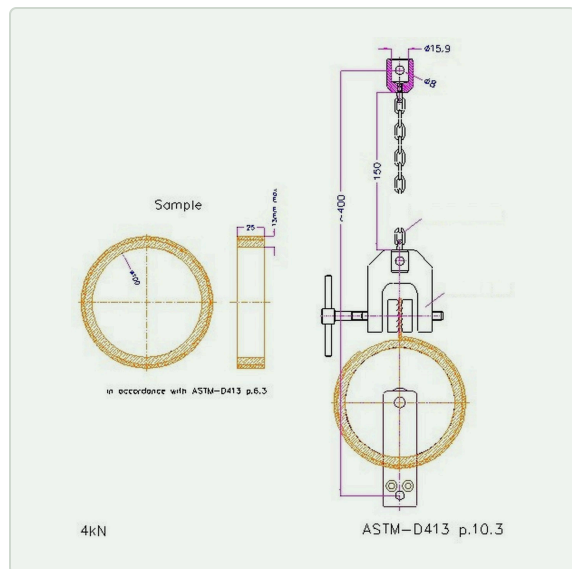


Rubber-to-Fabric Adhesion Peel Fixture

Built to ASTM D413 — Standard Test Methods for Rubber Property—Adhesion to Flexible Substrate



OVERVIEW

Peel fixture for measuring the adhesion of rubber to flexible substrates such as fabric. The specimen is held while the rubber ply is separated from the substrate at a defined angle, and the force required to strip the layers apart is recorded over the peel length.

KEY FEATURES

- Grips and holders for strip peel specimens
- Ring specimen mandrel option for cylindrical products
- Peel geometry kept consistent through the test
- Serrated jaws hold rubber and fabric without slippage
- Supplied with adapters to suit your load frame (clevis or threaded)

TECHNICAL SPECIFICATIONS

Test method	Adhesion to flexible substrate (peel)
Test type / loading	Tension, constant rate of separation
Specimens	Strip or ring specimens per ASTM D413
Load capacity	1 kN standard; higher capacities on request
Fixture material	Steel, corrosion-resistant finish
Gripping surfaces	Serrated jaw faces
Machine connection	Clevis pin or threaded adapter, to suit customer frame
Compatible frames	Electromechanical and servo-hydraulic universal test machines

APPLICATIONS

- Conveyor and transmission belting
- Hose and tubing plies
- Rubber-coated fabrics
- Rubber product QC

ABOUT THE STANDARD

ASTM D413 covers the adhesion strength between plies of fabric bonded with rubber, or between rubber and fabric, in flexible products such as belting, hose and coated fabrics. Strip and ring specimens are peeled at a controlled angle using either constant load (dead weight) or a machine with constant rate of separation.

Ordering & customization: Specify specimen type (strip or ring), specimen width, 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-D413-PF