

Vise Grip Jaw Faces for Coated Fabric Tensile Tests

Built to ISO 1421 — Rubber- or plastics-coated fabrics — Determination of tensile strength and elongation at break



OVERVIEW

Interchangeable jaw faces for screw-action vise grips used in tensile testing of coated fabrics. A smooth face and a diamond-knurled face can be paired to suit the coating, holding wide strips firmly without slippage or premature failure at the jaw edge.

KEY FEATURES

- Diamond-knurled face grips hard or slippery coatings securely
- Smooth face option for soft coatings or with cushioning
- Wide faces accept strip and grab specimens
- Counterbored holes for fast exchange on the vise body
- Hardened steel faces for long service life

TECHNICAL SPECIFICATIONS

Test method	Strip and grab tensile tests
Test type / loading	Uniaxial tension
Specimens	Coated fabric strips and grab specimens
Load capacity	5 kN standard; higher capacities on request
Grip material	Hardened steel jaw faces
Gripping surfaces	Diamond-knurled or smooth; rubber-lined on request
Jaw width	Approx. 80 mm typical; others on request
Machine connection	Fits matching vise grip body

APPLICATIONS

- PVC- and PU-coated fabrics
- Rubber-coated technical textiles
- Tarpaulins, awnings and inflatables
- Conveyor and protective clothing fabrics

ABOUT THE STANDARD

ISO 1421 specifies two methods for determining the tensile strength and elongation at break of rubber- or plastics-coated fabrics: the strip test and the grab test. Specimens are extended at constant rate until rupture in a tensile tester. Results are reported separately for the warp and weft directions.

Ordering & customization: Specify specimen width, test method (strip or grab), coating type and existing vise grip model 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-ISO1421-VG