

Dolly Alignment Rack for Pull-Off Adhesion Tests

Built to ISO 4624 — Paints and varnishes — Pull-off test for adhesion



OVERVIEW

Centering and alignment rack for preparing pull-off adhesion test assemblies. Two plates with matching bores hold test dollies coaxial and square while the adhesive cures, and wing nuts set the plate gap, so up to eleven assemblies are bonded with consistent alignment before being pulled apart on the test machine.

KEY FEATURES

- Two drilled plates align upper and lower dollies coaxially during cure
- Eleven positions for batch preparation of test assemblies
- Wing-nut adjustment sets plate spacing to suit assembly height
- Ground steel construction keeps bores parallel and square
- Use with self-aligning pull-off fixtures on your universal test machine

TECHNICAL SPECIFICATIONS

Test method	Pull-off adhesion, sandwich (two-dolly) assemblies
Function	Alignment of dollies during adhesive curing
Specimens	Coated substrates bonded between test dollies
Capacity	Eleven assemblies per rack
Fixture material	Stainless or corrosion-protected steel
Bores	Sized to customer dolly diameter
Adjustment	Wing-nut set plate spacing
Use with	Pull-off tensile fixture on universal test machine

APPLICATIONS

- Paints, varnishes and coatings
- Protective and marine coatings
- Powder and industrial coatings
- Coating QC and adhesion development

ABOUT THE STANDARD

ISO 4624 specifies pull-off methods for determining the adhesion of single or multi-coat paint, varnish and related coatings. Test dollies are bonded to the coating and pulled perpendicular to the surface at a uniform rate; the tensile stress at failure and the location of failure (adhesive, cohesive or glue) are reported.

Ordering & customization: Specify dolly diameter and height, number of positions and the pull-off fixture used 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-ISO4624-TF