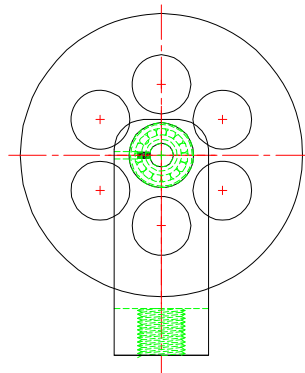
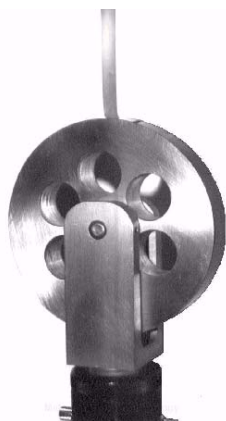


PEEL STRENGTH FIXTURE FOR FILM COMPOSITES



Specimen: Width 2.5"
 Length 10"

Fixture: Construction High strength steel with black oxide finish
 Temperature -120 to 250°F (-85 to 122°C)
 Mounting 1" -14 Threaded Couplings
 Capacity 20,000 lbs (88 kN)
 Weight 30 lbs approximately
 Dimensions Assembled 4" x 35" x 40"
 Standard Manufactured in accordance with ASTM D2861.

Model No. D2861.20 - Peel Strength Fixture For Film Composites
2.75" inch wide 90° angle low friction peel wheel. The fixture consists of a 3" diameter peel wheel with weight reduction holes that is mounted on bearings and is supported by a loading yoke and shaft. Includes (2) tension bars with springs and a clamping system. The wheel accommodates 2.5" wide by 10" long specimens. The fixture is supplied with a 1" -14 threaded coupling for mounting purposes. This fixture is supplied with an upper tensile grip listed below. Constructed of aluminum and stainless steel in accordance with ASTM D2861.

MODEL NO. ASTM.D2861.20

ASTM, COMPOSITE, MISC

ACCESSORIES

Model No. Grip.10100.201- (1) 200lbs Screw Action Grip with 1" Square Grip Faces

Upper and lower fixture attachment is supplied with 1" -14 female coupling. (Common adapter sizes include:)

Model No. M03S36 - 1.25" Male Clevis (Type D) to 1" -14 Threaded Stud

Model No. S42S36 - 1.25" -12 to 1" -14 Threaded Step Stud

Model No. S48S36 - 1.5" -12 to 1" -14 Threaded Step Stud

Model No. S60S36 - 2" -12 to 1" -14 Threaded Step Stud

Model No. LN36 - 1" -14 Threaded Locking Nut with Knurled OD

SPARE PARTS

Call for replacement or spare parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/D2861.htm>

ASTMD2861-87(2004)

Standard Test Methods for Flexible Composites of Copper Foil with Dielectric Film or Treated Fabrics

1.1 These test methods cover procedures for testing flexible materials consisting of copper foil combined with either dielectric film or with treated or impregnated fabric to form flexible composites used in the manufacture of flexible or multilayer circuitry, or both.

1.2 The procedures appear as follows Procedure(Section)(ASTM Reference Method)

Conditioning(5)(-), Flex Life of the Composite(20-25)(-), Peel Strength of the Composite(11-19)(-), Specimen Preparation(6)(D1825), Strain Relief Due to Etching(26-32)(-), Testing of the Dielectric Portion of the Composite(7-10)(D1825,D2305,D902)

1.3 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Extracted, with permission, from ASTM D2861 Standard Test Methods of Static Tests of Lumber in Structural Sizes, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19482. A copy of the complete standard may be purchased from ASTM International, www.astm.org.

Material Testing Technology

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