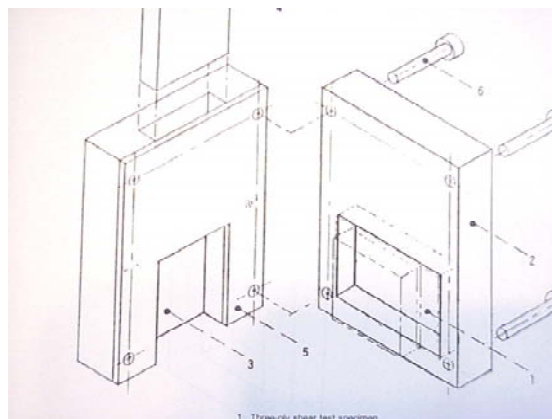


THREE-PLY SHEAR TEST FIXTURE FOR TRANSPARENT LAMINATIONS



Specimen: Width 2.0"
 Length 3.0"

Fixture: Construction High strength steel with protective finish
 Temperature -120 to 250°F (-85 to 120°C)
 Mounting 1/2" -20 coupling top, platen bottom (platen not inc)
 Capacity 20,000 lbs (88 kN)
 Weight 50 lbs approximately
 Dimensions Assembled 3" x 6" x 8"
 Standard Manufactured in accordance with ASTM F521

Model No. ASTM.F0521.12

Shear Parallel to Grain Test Fixture. 15,000 pound capacity compression loading fixture that applies a shear load to a bonded wooden sample. The loading anvil has a self-alignment seat that allows uniform lateral distribution of load.

1/2" -20 coupling supplied in loading plate or can be used platen to platen. The fixture is constructed of high strength steel in accordance with ASTM D143, D905, D2559, D3931, D5751, F521.

MODEL NO. ASTM.F0521.12

ASTM, BOND, INTEGRITY, TRANSPARENT,

ACCESSORIES

Upper and lower fixture attachment is supplied with 1/2" -20 female coupling (Common adapter sizes include):

Model No. M01S21 - 1/2" Male Clevis (Type B) to 1/2" -20 Threaded Stud

Model No. M02S21 - 5/8" Male Clevis (Type C) to 1/2" -20 Threaded Stud

Model No. M03S21 - 1.25" Male Clevis (Type D) to 1/2" -20 Threaded Stud

Model No. M12S21 - 12mm Male Clevis (Type O) to 1/2" -20 Threaded Stud

Model No. S36S21 - 1" -14 to 1/2" -20 Threaded Step Stud

Model No. LN21 - 1/2" -20 Threaded Locking Nut with Knurled OD

SPARE PARTS

Please contact us for spare or replacement parts.

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/F521.htm>

ASTM F521 - 83(2010)

Standard Test Methods for Bond Integrity of Transparent Laminates

1.1 These test methods cover determination of the bond integrity of transparent laminates. The laminates are usually made of two or more glass or hard plastic sheets held together by an elastomeric material. These test methods are intended to provide a means of determining the strength of the bond between the glass or plastic and the elastomeric interlayer under various mechanical or thermal loading conditions.

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Material Testing Technology