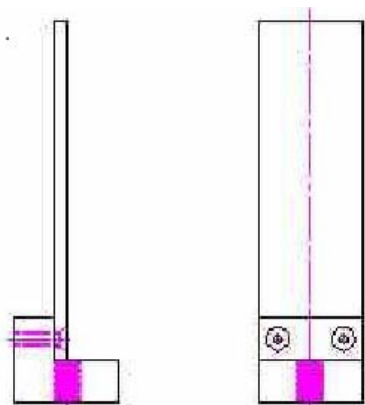


## 180° FIXED PEEL TEST FIXTURE FOR SPECIMENS UP TO 2" WIDE AND 5" LONG



Specimen:	Width	Up to 2"
	Thickness	Up to 0.25"
	Length	Up to 5"
Fixture:	Construction	Stainless steel and aluminum
	Temperature	-20 to 120°F (-29 to 49°C)
	Mounting	1/2"-13 threaded coupling
	Capacity	
	Weight	
	Dimensions	
	Standard	Manufactured in accordance with ASTM D3330

### Model No. ASTM.D3330.10 - 180° Fixed Peel Test Fixture for Small Specimens

The fixture is a fixed vertical plane 2" wide by 5" tall and ensures that the peel action is on the center line of the machine. The plane is made from 0.25" thick stainless steel and ground. The fixture is supplied with a 1/2"-13 threaded coupling on the bottom. The fixture is constructed from stainless steel and aluminum with a protective finish in accordance with ASTM D3330. Fixture requires a tensile grip for testing. Grip sold separately.

# **MODEL NO. ASTM.D3330.10**

## **ASTM, PEEL, ADHESIVE, ADHESION, 180°,**

### **ACCESSORIES**

Grip.10100.20 - 200lbs Screw Action Grips with 1" Square Grip Faces

### **Fixture attachment is supplied with 1/2" - 13 female coupling. (Common adapter sizes include:)**

Model No. M03S20 - 1.25" Male Clevis (Type D) to 1/2" - 13 Threaded Stud

Model No. S42S20 - 1.25" -12 to 1/2" - 13 Threaded Step Stud

Model No. S48S20 - 1.5" -12 to 1/2" - 13 Threaded Step Stud

Model No. S60S20 - 2" -12 to 1/2" - 13 Threaded Step Stud

Model No. LN20 - 1/2" - 13 Threaded Locking Nut with Knurled OD

### **SPARE PARTS**

Contact us for spare or replacement parts

### **REFERENCE DOCUMENT AND TEST METHOD SCOPE:**

<http://www.astm.org/Standards/D3330.htm>

ASTM D3330 / D3330M - 04(2010)

Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape

1.1 These test methods cover the measurement of the peel adhesion of pressure-sensitive tapes.

1.1.1 Test Method A gives a measure of the adherence, when peeled at 180° angle, to a standard steel panel or to other surface of interest for a single-coated tape.

1.1.2 Test Method B gives a measure of the adherence to the backing of a single-coated tape.

1.1.3 Test Method C gives a measure of the adherence of double-coated tape to a standard steel panel or other surface of interest.

1.1.4 Test Method D gives a measure of the adherence of the release liner to the adhesive of either single- or double-coated tape.

1.1.5 Test Method E gives a measure of the adherence of an adhesive transfer tape to a standard steel panel or other surface of interest.

1.1.6 Test Method F gives a measure of the adherence, when peeled at 90° angle, to a standard steel panel or other surface of interest for a single-coated tape.

1.2 These test methods provide a means of assessing the uniformity of the adhesion of a given type of pressure-sensitive adhesive tape. The assessment may be within a roll of tape, between rolls, or between production lots.

1.3 Variations in either the tape backing or the adhesive, or both, affect the response. Therefore, these test methods cannot be used to pinpoint the specific cause(s) of non-uniformity.

1.4 These test methods may not be appropriate to test tapes having relatively stiff backings, stiff liners, or backings showing high stretch at low forces. These characteristics will result in a high variability for the test response which is not a true indication of the real nature of the adhesive bond.

1.5 Values stated in either SI or inch-pound units are to be regarded separately as standard. The values stated in each system may not be exact equivalents, therefore, each system must be used independently without combining values in any way.

1.6 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 D3330 Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape, 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](http://www.astm.org).