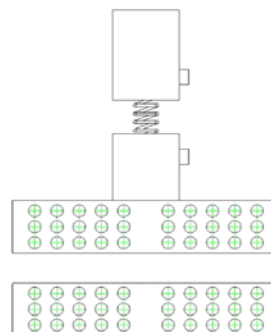


PARALLEL PLATE TEST FIXTURE FOR PLASTIC FILM



Specimen:	Width	4" (100mm)
	Thickness	Any
	Length	7" (180mm)
Fixture:	Construction	Aluminum with protective finish
	Temperature	-20 to 120°F (-29 to 49°C)
	Mounting	Top: 1/2"-20 coupling
		Bottom: 1/4"-28 coupling
	Capacity	50 lbs
	Weight	5 lbs
	Dimensions	4" x 4" x 6"
	Standard	Manufactured in accordance with ASTM D3354

Model No. ASTM.D3354.10 - Parallel Plate Test Fixture for Plastic Film

The fixture consists of two aluminum loading plates 4.0" square. The blocks are supplied with lightening holes to reduce load on the load cell. The loading surface of the plate is roughened per the ASTM standard. The bottom plate is supplied with a 1/4" -28 threaded coupling. The upper plate is supplied with a spring type self-alignment / extension joint coupling to provide articulation during the blocking test. The extension joint coupling also allows slight compression of the load train without over-loading the samples. The extension joint for the upper plate is supplied with a 1/2" -20 threaded coupling for attachment to your test machine. Constructed of aluminum in accordance with ASTM D3354.

MODEL NO. ASTM.D3354.10

ASTM, BLOCK, LOAD, PLASTIC, FILM, PARALLEL,

ACCESSORIES

Upper 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

Contact us for spare or replacement parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/D3354.htm>

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Standard Test Method for Blocking Load of Plastic Film by the Parallel Plate Method

1.1 This test method yields quantitative information regarding the degree of blocking (unwanted adhesion) existing between layers of plastic film. It is not intended to measure susceptibility to blocking.

1.2 By this procedure, the film-to-film adhesion, expressed as a blocking load in grams, will cause two layers of film with an area of contact of 100 cm² to separate. The test method is limited to a maximum load of 200 g.

1.3 The values stated in SI units are to be regarded as standard. The values given in parentheses are for information only.

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.

NOTE 1: This test method is similar to ISO 11502 Method B, but is not technically equivalent.

Extracted, with permission, from ASTM D3354 Standard Test Method for Blocking Load of Plastic Film by the Parallel Plate Method, 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.