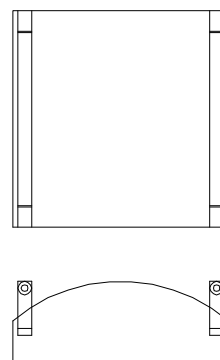


CONSTANT STRAIN LOADING FIXTURE WITH RADIUS CLAMPING SURFACE



Specimen	Width	Up to 3" wide
	Thickness	Up to 1/8" thick
	Length	4.5" or longer
Fixture	Construction	High strength steel with a protective finish
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	Bench top
	Capacity	200 lbs
	Weight	5 lbs
	Dimensions	5" x 4" x 2" approximately
	Standard	Manufactured in accordance with ASTM D543

Model No. ASTM.D0543.10 - Constant Strain Loading Fixture with Radius Clamping Surface

The fixture consists of a radiused clamping surface with clamping bars to hold the ends of the specimen. The radiused surface will be polished and plated with a protective finish. The fixture will accommodate a 0.125" thick specimen with a length of 4.5" or longer. The fixture will accommodate multiple specimens with a combined width of 3".

MODEL NO. ASTM.D0543.10

ACCESSORIES

No Adapters Necessary

SPARE PARTS

Contact us for spare parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

SCOPE: ASTM D543-14 <https://www.astm.org/Standards/D543.htm>

Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents

1.1 These practices cover the evaluation of all plastic materials including cast, hot-molded, cold-molded, laminated resinous products, and sheet materials for resistance to chemical reagents. These practices include provisions for reporting changes in weight, dimensions, appearance, and strength properties. Standard reagents are specified to establish results on a comparable basis. Provisions are made for various exposure times, stress conditions, and exposure to reagents at elevated temperatures. The type of conditioning (immersion or wet patch) depends upon the end-use of the material. If used as a container or transfer line, immerse the specimens. If the material will only see short exposures or will be used in proximity and reagent will splash or spill on the material, use the wet patch method of applying reagent.

1.2 The effect of chemical reagents on other properties shall be determined by making measurements on standard specimens for such tests before and after immersion or stress, or both, if so tested.

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. Specific hazards statements are given in Section 7.

NOTE 1: This standard and ISO 22088 Part 3 address the same subject matter, but differ in technical content (and the results cannot be directly compared between the two test methods).

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