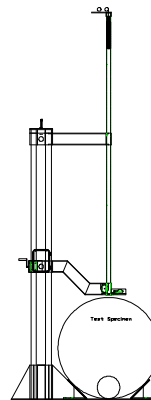


DROP WEIGHT IMPACT OF CYLINDRICAL STRUCTURAL MEMBERS AND PIPING SECTION



Specimen	Diameter	6" to 48"
Fixture	Construction	Steel
	Temperature	Room temperature
	Mounting	Free standing
	Capacity	1200 in-lb impact energy
	Weight	Approximately 800 lbs
	Dimensions	Approximately 4' x 6' x 16'
	Standard	Manufactured in accordance with ASTM D2444

Model No. ASTM.D2444.20 - Drop Weight Impacter for Pipes

Includes a free-falling 10 pound drop weight, impact tup with 2.0" radius hardened hemispherical tip (tup "B"), drop guide tube that provides a minimum of 10ft of lift for impacter. Impacter is adjustable to accommodate plastic pipe with diameters of 6" up to 54". Includes impacter tup catcher, which catches the tup during the rebound after the impact. The catcher allow the mass of the tup to be suspended over the test specimen after impact. The Impacter catcher is secured to the end of the impacter guide tube.

Supplied with fixtured specimen table, sturdy welded frame construction, adjustable hoist lift system for drop impacter, adjustable hoist and counter weight system for moving drop tube assembly over the specimen.

MODEL NO. ASTM.D2444.20

ASTM, WOOD, MISC

ACCESSORIES

No accessories necessary

SPARE PARTS

Call for replacement or spare parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/D2444.htm>

ASTM D2444-99(2010)

Standard Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

1.1 This test method covers the determination of the impact resistance of thermoplastic pipe and fittings under specified conditions of impact by means of a tup (falling weight). Three interchangeable striking noses are used on the tup, differing in geometrical configuration. Two specimen holders are described.

1.2 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.

1.3 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 D2444 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

420 Harvester Court - Wheeling, IL. 60090 – Ph: (847) 215-7448 Fax: (847) 215-7449 E-mail: sales@mtusa.net