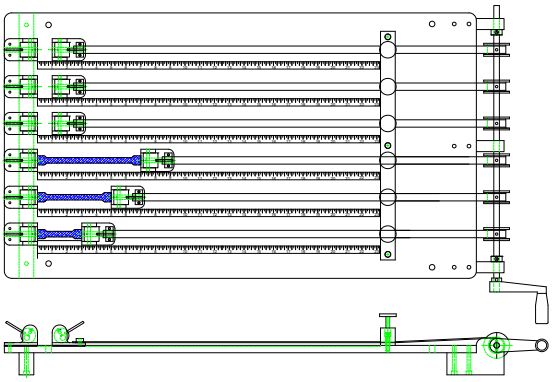
MTT

MODEL NO. ASTM.D0412.10
RING TENSILE, TESTING

SIX POSITION TENSILE TEST FIXTURE



Specimen	Diameter	Up to 1.5”
	Width	Up to 1/2”
	Type	Elastomeric materials
Fixture	Construction	Aluminum and stainless steel
	Temperature	Ambient
	Mounting	None needed
	Capacity	200 lbs (900 N)
	Weight	75 lbs approximately
	Dimensions	Assembled 37” x 22” x 3”
	Standard	Manufactured in accordance with ASTM D412

Model No. ASTM.D0412.10 - Six Position Tensile Test Fixture
The test frame is designed to be operated inside environmental chambers. The specimen grip sets are quick action, cam lock style for loading and unloading specimens in temperature conditions. The frame is constructed on a 32” by 18” base plate onto which one end of each grip is attached. The other end of the grip is attached to a loading belt that is drawn along a scale at each station. The belts are pulled by a common shaft with individual locking slotted spools that engage on pins to act like a clutch. The belt can be secured during the test by clamps. Constructed in accordance with ASTM D412.

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

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ACCESSORIES

No Adapters Necessary

SPARE PARTS

SPA.D0412.1001-Handle
SPA.D0412.1002- Extra Grip

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

SCOPE http //www.astm.org/Standards/D412.htm
ASTM D412-06a(2013)
Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers- Tension
1.1 These test methods cover procedures used to evaluate the tensile (tension) properties of vulcanized thermoset rubbers and thermoplastic elastomers. These methods are not applicable to ebonite and similar hard, low elongation materials. The methods appear as follows
Test Method A—Dumbbell and Straight Section Specimens
Test Method B—Cut Ring Specimens
Note 1—These two different methods do not produce identical results.
1.2 The values stated in either SI or non-SI units shall be regarded separately as normative for this standard. The values in each system may not be exact equivalents; therefore each system must be used independently, without combining values.
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.