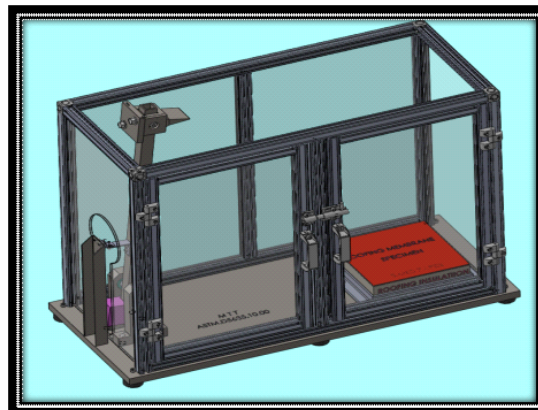
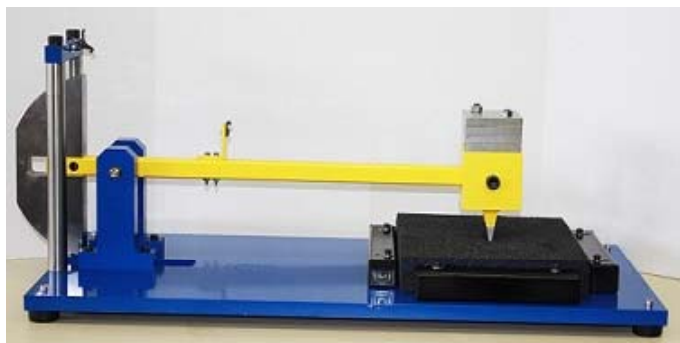


DYNAMIC PUNCTURE RESISTANCE OF ROOFING MEMBRANE TEST FIXTURE



Specimen:	Width	7.9"
	Thickness	Up to 1.5"
	Length	7.9"
	Impact Heads	1kg, 3kg, 6kg impact head
	Weights	(4) 0.5 kg attachable weight

Fixture:	Construction	
	Temperature	High strength steel with a protective finish
	Mounting	-20 to 120°F (-29 to 49°C)
	Capacity	Free standing
	Weight	1,000 lbs
	Dimensions	125 lbs approximately
	Standard	48 x 24 x 36" approximately
	Manufactured in accordance with ASTM D5635	

Model No. ASTM.D5635.10 - Dynamic Puncture Test Fixture for Roofing Membranes

Used to determine dynamic puncture resistance of roofing membranes with insulation substrate. Includes counter-weighted shaft with (3) interchangeable puncture heads, (6) 0.5 kg (1.1 lbs) bolt-on weights, base, and specimen frame. The fixture is used as a stand alone unit. The specimen frame has exterior dimensions of 9.8 by 9.8" (250 by 250mm), interior dimensions of 7.9 by 7.9" (200 by 200mm) and a mass of 5.5 lbsm (2.5 kg). Supplied with vertical shaft holding mechanism, 5° angle release mechanism. Constructed of high strength steel in accordance with ASTM D5635. Capacity 1,000 lbs. Temperature Range: -20 to 120°F (-29 to 49°C)

MODEL NO. ASTM.D5635.10

ASTM, DYNAMIC, PUNCTURE, ROOFING,

ACCESSORIES

ACC.D5635.1001 - Safety Enclosure to Attach to Machine

SPARE PARTS

Contact us for spare or replacement parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/D5635.htm>

ASTM d5635/D5635-11

Standard Test Method for Dynamic Puncture resistance of Roofing Membrane Specimens

1.1 This test method covers the evaluation of the maximum dynamic puncture load that roofing membrane samples can withstand, without allowing the passage of water, when subjected to impact from a rigid object having a sharp edge. 1.2 This laboratory test can be conducted at any desired temperature using membrane samples manufactured in a factory or prepared in a laboratory. 1.3 Roof membrane specimens to which the test method is applicable include bituminous built-up, polymer-modified bitumens, vulcanized rubbers, non-vulcanized polymeric, and thermoplastic materials. 1.3.1 The applicability of this test method to these membrane specimens includes their use in vegetative roof systems. 1.4 This test method is not applicable to aggregate-surfaced membrane specimens; however, it is applicable to specimens having factory-applied granules. 1.5 The values stated in either SI units 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 shall be used independently of the other. Combining values from the two systems may result in non-conformance with the standard. 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 D5635 Standard Test Method for Dynamic Puncture resistance of Roofing Membrane Specimens, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. A copy of the complete standard may be purchased from ASTM International, www.astm.org.