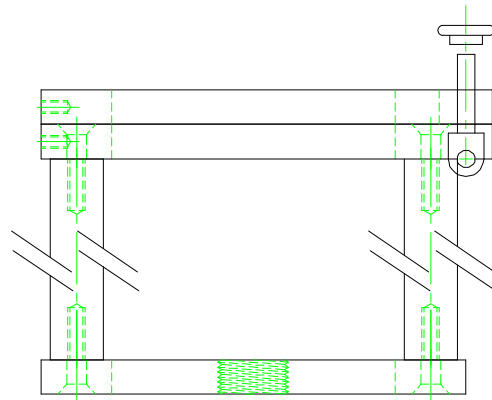
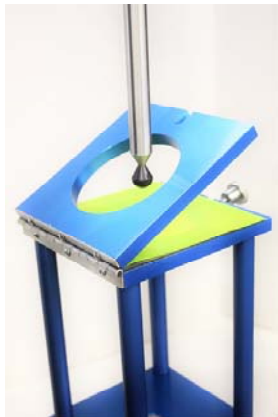


Standards:
ASTM D5748 - 19
ASTM D6241-22
ASTM D4833 - 20
ISO 9073- 5

Material Type:
PLASTIC, FABRIC

Type of Testing:
BURST, PUNCTURE

PROTRUSION PUNCTURE FIXTURE (COMPRESSION MODE) (AL)



Model No.

ASTM.D5748.10
ASTM.D6241.10
ISOS.09073.10

Specimen Size or Difference Between Fixtures

3/4" diameter teflon pear shape
50mm flat plunger
1" diameter steel ball

Construction

Aluminum with a finish
Aluminum with a finish
Aluminum with a finish

Temperature

-20 to 120°F (-29 to 49°C)
-20 to 120°F (-29 to 49°C)
-20 to 120°F (-29 to 49°C)

ASTM.D4833.10

A flat end 8mm diameter rod

Aluminum with a finish

-20 to 120°F (-29 to 49°C)

Specimen: Width 6"
 Thickness 1/8"
 Length 6"

Fixture: Mounting Top: 1/2"-20 coupling
 Bottom: 1"-14 coupling
 Capacity 1,000 lbs (4.4 kN)
 Weight 12 lbs approximately
 Dimensions 6.5" x 6" x 10" approximately
 Standard Manufactured in compliance with ASTM D5748, ASTM D6241, D4833 and ISO 9073-5

QUOTE

Model No. ASTM.D5748.10 - Protrusion Puncture Fixture (compression mode)

The fixture clamps a 6" square stretch wrap film specimen between two clamping plates. The clamping plates are hinged and held together with a toggle clamp. The probe assembly includes a **(Specified Probe Listed Above)**, an 11" probe shaft, and 1/2"-20 threaded loading coupling. The clamping plates are supported 8" above the base plate which has 1"-14 threaded loading coupling. The fixture is also supplied with a 6" square specimen cutting template. Constructed of aluminum with a protective blue anodized coating and manufactured in compliance with ASTM D5748, ASTM D6241 and ISO 9073-5.

Model No. ASTM.D4833.10 - Protrusion Puncture Fixture for Geomembranes

The fixture clamps a 6" square specimen between two clamping plates with an ID of 1.77". The clamping plates are hinged and held together with a toggle clamp along with 6 screws placed evenly around the testing area. The probe assembly includes a **8mm diameter with a flat end probe**, an 11" probe shaft, and 1/2"-20 threaded loading coupling made from steel. The clamping plates are supported 8" above the base plate which has 1"-14 threaded loading coupling. The fixture is also supplied with a 6" square specimen cutting template with holes for marking the screw locations. The fixture is constructed of aluminum with a protective blue anodized coating and manufactured in compliance with ASTM D4833.

ACCESSORIES

Model No. ACC.D6241.1002 - 1" Diameter Teflon Covered Pear Shaped Probe

SPARE PARTS

Model No. SPA.D5748.1001 - Extra Specimen Template

Model No. SPA.D5748.1002 - Extra Rubber Gasket

Model No. SPA.D5748.1003 - 11" Stainless Steel Probe Shaft with 1/2" -20 loading coupling

Model No. SPA.D5748.1004 - Extra 3/4" Diameter Teflon Covered Pear Shaped Probe

Model No. SPA.09073.1001 - Extra 1" Diameter Stainless Steel Ball Shaped Probe

COMMON SIZE ADAPTERS

Upper and Lower Mounting: 1/2"-20 Female Coupling

Model No. M01S21 - 1/2" Male Clevis to 1/2"-20 Threaded Stud

Model No. M02S21 - 5/8" Male Clevis to 1/2"-20 Threaded Stud

Model No. M03S21 - 1.25" Male Clevis to 1/2"-20 Threaded Stud

Model No. M12S21 - 12mm Male Clevis 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

Upper and Lower Mounting: 1"-14 Female Coupling

Model No. M03S36 - 1.25" Male Clevis to 1"-14 Threaded Stud

Model No. S42S36 - 1.25"-12 to 1"-14 Threaded Step Stud

Model No. S48S36 - 1.5"-12 to 1"-14 Threaded Step Stud

Model No. S60S36 - 2"-12 to 1"-14 Threaded Step Stud

Model No. LN36 - 1"-14 Threaded Locking Nut with Knurled OD

EXTRA PHOTOS:

