

Standards:

ASTM C273 - 20
ASTM C394 - 16
ASTM C481 - 99
ASTM D1037 - 20
ASTM D2718 - 18 METHOD A
ASTM D7033 - 14

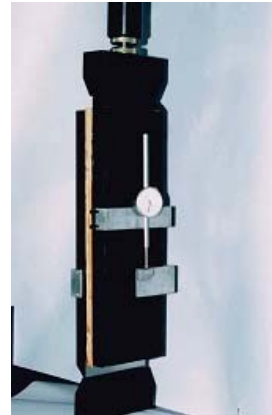
Material Type:

ADHESIVE, HONEYCOMB

Type of Testing:

COMPRESSION, SHEAR

FLATWISE PLANE SHEAR FIXTURE WITH THREE SETS OF BONDING PLATES (COMPRESSION MODE)

**Model No.**

ASTM.C0273.11
ASTM.C0394.11
ASTM.C0481.11
ASTM.D1037.70

Specimen Size or Difference Between Fixtures

See Below
See Below
See Below
See Below

Construction

Stainless steel with (AL) plates
Stainless steel with (AL) plates
Stainless steel with (AL) plates
Stainless steel with (AL) plates

Temperature

-120 to 250°F (-85 to 122°C)
-120 to 250°F (-85 to 122°C)
-120 to 250°F (-85 to 122°C)
-120 to 250°F (-85 to 122°C)

ASTM.C0273.15
ASTM.C0394.15
MILS.00401.21

See Below
See Below
See Below

Stainless steel with (SS) plates
Stainless steel with (SS) plates
Stainless steel with (SS) plates

-240 to 600°F (-152 to 318°C)
-240 to 600°F (-152 to 318°C)
-240 to 600°F (-152 to 318°C)

ASTM.D2718.10
ASTM.D7033.15

6" wide, 18" long, 3/8" to 1" thick
6" wide, 18" long, 3/8" to 1" thick

Steel with (AL) plates
Steel with (AL) plates

-120 to 250°F (-85 to 122°C)
-120 to 250°F (-85 to 122°C)

Specimen:	Width	Any width up to 3"
	Thickness	0.25" to 0.75" (optional plates for thicker samples)
	Length	Up to 9"
Fixture:	Mounting	1"-14 threaded studs with locking nuts
	Capacity	20,000 lbs (88.9 kN)
	Weight	20 lbs or 50 lbs approximately
	Dimensions	Assembled 3" x 2.5" x 14.5" or 5" x 14" x 18"
	Bonding	Supplied with 3 sets of bonding plates
	Standard	Manufactured in compliance with ASTM C273, C394, C481, D1037, D2718, D7033 and MIL-STD-401B

QUOTE

Model No. ASTM.C0273.11 - Sandwich Flatwise Plane Shear Fixture (Compression Mode)

Specimen configuration up to 9" long and 3" wide. The 3 sets of (2) loading plates are constructed from aluminum with a protective black anodized coating. The fixture includes an upper and lower loading anvil with a groove to accept loading plates. Supplied with 1"-14 threaded studs with locking nuts. Capacity: 20,000 lbs (88.9 kN) Temp Range -120 to 250°F (-85 to 122°C). Fixture is constructed from stainless steel. Manufactured in compliance with ASTM C273, C394 and C481.

Model No. ASTM.C0273.15 - Sandwich Flatwise Plane Shear Fixture (Compression Mode)

Specimen configuration up to 9" long and 3" wide. The 3 sets of (2) loading plates are constructed from stainless steel. The fixture includes an upper and lower loading anvil with a groove to accept loading plates. Supplied with 1"-14 threaded studs with locking nuts. Capacity: 20,000 lbs (88.9 kN) Temp Range -240 to 600°F (-152 to 318°C). Fixture is constructed from stainless steel. Manufactured in compliance with ASTM C273, C394 and MIL-STD-401B.

Model No. ASTM.D2718.10 - Flatwise Plane Shear for Large Specimens

The fixture accommodate specimens between 0.375" and 1" thick. Standard specimen size of 6" wide by 18" tall. Supplied with The 3 sets of (2) loading 19" by 6" loading plates. Each plate has a protective black oxide finish with one machined bonding surface. The fixture is supplied with 1"-14 threaded studs and is constructed from high strength steel with a black oxide protective finish. Manufactured in compliance with ASTM D2718 and D7033.

ACCESSORIES

Model No. ACC.C0273.1102 - Set of (2) High Strength Steel Bonding Plates 9" by 3" Wide

Model No. ACC.C0273.1105 - Extensometer Bracket

Model No. ACC.C0273.1106 - Optional Dial Indicator Displacement Gauge

Model No. ACC.D2718.1001 - Optional 1" Dial Gauge and Mount Bracket

SPARE PARTS

Model No. SPA.C0273.1101 - Set of (2) Aluminum Bonding Plates 9" by 3" Wide

Model No. SPA.D2718.1001 - Set of (2) Aluminum Bonding Plates 18" by 6" Wide

Model No. SPA.C0273.1503 - Set of (2) Stainless Steel Bonding Plates 9" by 3" Wide

COMMON SIZE ADAPTERS

Upper and Lower Mounting: 1"-14 Threaded Studs

Model No. M01C36 - 1/2" Male Clevis to 1"-14 Coupling

Model No. M02C36 - 5/8" Male Clevis to 1"-14 Coupling

Model No. M03C36 - 1.25" Male Clevis to 1"-14 Coupling

Model No. M12C36 - 12mm Male Clevis to 1"-14 Coupling

EXTRA PHOTOS:

