

Standards:  
ASTM C1135 - 00  
ASTM C1735 - 17

Material Type:  
ADHESIVE

Type of Testing:  
TENSILE

## FLATWISE TENSION ADHESION FIXTURE WITH FIVE SETS OF FLOAT GLASS BONDING PLATES



Model No.

ASTM.C1135.10  
ASTM.C1735.10

Specimen Size or Difference Between Fixtures

2" wide, 0.5" thick and 0.5" long  
2" wide, 0.5" thick and 0.5" long

Construction

Stainless steel  
Stainless steel

Temperature

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

Fixture:	Mounting	1/2"-20 threaded studs
	Capacity	1,000 lbs
	Weight	10 lbs
	Dimensions	4" x 1.75" x 7"
	Standard	Manufactured in compliance with ASTM C1135 and C1735

## **QUOTE**

Model No. ASTM.C1135.10 - Tensile Adhesion Fixture with Float Glass Bonding Plates

The five sets of (2) bonding plates are made from glass and measure 3" x 1" x 0.25". Supplied with (5) U-shaped non-bonding polymer spacer molding the test specimen to the bonding plates. The mold is assembled by placing a glass substrate plate on either side of the spacer, which creates a 2" x 0.5" x 0.5" cavity to be filled with the sealant being tested. Includes (2) clamps and (2) 1/2"-20 threaded studs and locking nuts for loading into a testing machine. Temperature range: -240 to 600° (-152 to 318°C) and capacity is 1,000 lbs. Universal joint type fixture constructed from stainless steel. Manufactured in compliance with ASTM C1135.

Model No. ASTM.C1735.10 - Flatwise Tension Adhesion Fixture with Five Sets of Aluminum Bonding Plates

The five sets of (2) bonding plates are made from 6061 Aluminum and measure 3" x 1" x 0.50". Supplied with (5) U-shaped non-bonding polymer spacer molding the test specimen to the bonding plates. The mold is assembled by placing an Aluminum substrate plate on either side of the spacer, which creates a 2" x 0.5" x 0.5" cavity to be filled with the sealant being tested. Includes (2) clamps and (2) 1/2"-20 threaded studs and locking nuts for loading into a testing machine. Temperature range: -240 to 600° (-152 to 318°C) and capacity is 1,000 lbs. Universal joint type fixture constructed from stainless steel. Manufactured in compliance with ASTM C1735.

## **ACCESSORIES**

No accessories available for this fixture

## **SPARE PARTS**

Model No. SPA.C1135.1001 - Extra U-shaped Non-bonding Polymer Spacer

Model No. SPA.C1135.1002 - Extra Set of (2) Glass Bonding Plates

Model No. SPA.C1735.1001 - Extra Set of (2) 6061 Aluminum Bonding Plates

## **COMMON SIZE ADAPTERS**

### **Upper and Lower Mounting: 1/2"-20 Threaded Stud**

Model No. M01C21 - 1/2" Male Clevis to 1/2"-20 Coupling

Model No. M02C21 - 5/8" Male Clevis to 1/2"-20 Coupling

Model No. M03C21 - 1.25" Male Clevis to 1/2"-20 Coupling

Model No. M12C21 - 12mm Male Clevis to 1/2"-20 Coupling

Model No. S36C21 - 1"-14 Stud to 1/2"-20 Coupling

Model No. LN21 - 1/2"-20 Threaded Locking Nut with Knurled OD

**EXTRA PHOTOS:**

