

# FAB-LOK™

## Self-Tensioning Frames



*All Fab-Lok frame parts are made in the U.S.A*

**All Fab-Lok parts are interchangeable with American Cam-Lok Frames**

A.W.T.'s Fab-Lok™ Self-Tensioning Frames have a built in tension system to stretch all mesh types uniformly and accurately to your specific requirements. With many models to choose from, each built to any size, you are sure to find one to fit your needs. These frames provide many years of fast, accurate and reliable performance; they are easy-to-use self contained stretching system.

Fast and easy-to-use tension adjustments save valuable pre-press time and labor costs. Locking bars simply snap into place to secure the mesh. Different models are available to meet the needs of many different screen printing applications and frame sizes.

Fab-Lok frames are for the screen printer who requires high tension stretch for good quality work, or for printing that requires uniform ink deposit. They are ideal for fine details and 4-color process work, as well as electronic applications with high tolerance requirements. Fab-Lok frames can be used with automatic and semi-automatic presses.

A.W.T. Fab-Lok frames can be adjusted in your screen printing press to adjust (tweak) registration.

A.W.T. has a self-tensioning frame to fit your needs. Fab-Lok frames are quick and easy to use and will last for many, many years. They can also be used as a high tension, low cost way to stretch mesh and adhere it to a separate frame.

Fab-Lok frames are made to order and come assembled. Model FL-175 is a general purpose frame; the larger model, FL-250, is for high tolerance applications. Model FL-303, which comes standard with welded corners, is designed for extremely fine detail screen printing, such as printed circuits, electronic applications, nameplates and 4-color process work.

Frames are easy to reuse: locking bars are simply tapped out to remove old mesh. Fab-Lok frames are then ready for tensioning new fabric.



Manufactured by

**A.W.T. World Trade, Inc.**  
A Division of The A.W.T. World Trade Group

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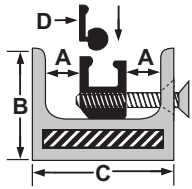
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# FAB-LOCK™ Self-Tensioning Frames

## Specifications

### FAB-LOCK MODELS

#### FL-175, FL-250 and FL-303



All models have reinforced corner locks.

- A: Tension adjustment length
- B: Outside height
- C: Outside width
- D: Fab-Lok bar

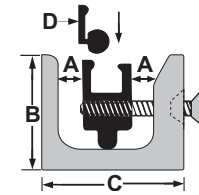
#### FL-175 FAB-LOCK Frame

A: ±.750" per side B: 1.437" C: 1.750"  
Weight per foot: 0.755 lb.  
Mesh: Any type monofilament

#### FL-250 FAB-LOCK Frame

A: ±1.500" per side B: 1.347" C: 2.500"  
Weight per foot: 1.092 lb.  
Mesh: Any type monofilament

#### FL-303 FAB-LOCK Frame



- A: Tension adjustment length
- B: Outside height
- C: Outside width
- D: Fab-Lok bar

A: ±.562" per side B: 1.437" C: 1.750"  
Weight per foot: 1.250 lbs.  
FL-303 has reinforced welded corners  
Mesh: Stainless steel or any type monofilament

## Standard Features

- Easy to load and lock in all mesh types with locking bar.
- No mesh slippage after the fabric is locked into the frame.
- Quick to tension with a standard allen key or even quicker with an electronic torque wrench.
- Any size available.
- Made from the strongest anodized aluminum.
- Zinc baked plated flat head screws are countersunk and tightened flush with each frame.
- Non-rusting.

## Optional Features

- Additional screws for your specific requirements.
- Welded, reinforced corners (standard on FL-303).
- Hex head bolts for tensioning.
- Stainless steel screws
- Locking bar release tool.

MODEL NO.	MAX. FRAME SIZE	TENSION ADJUSTMENT LENGTH	OUTSIDE HEIGHT	OUTSIDE WIDTH	WEIGHT PER FOOT	USE WITH MESH TYPE
FL-175	any size	±. 750" per side	1.437"	1.75"	0.755 lb.	Monofilament or Stainless Steel
FL-250	any size	± 1.500" per side	1.347"	2.50"	1.092 lb.	Monofilament or Stainless Steel
FL-303*	any size	±.562" per side	1.437"	1.75"	1.250 lb	Monofilament or Stainless Steel

\*FL-303 has standard welded corners.

FAB-LOCK REPLACEMENT PARTS	FL-175	FL-250	FL-303
Locking Bar per inch	FLLB-175	FLLB-250	FLLB-303
Inner Channel per inch	FLIC-175	FLIC-250	FLIC-303
Zinc-Baked Plated Flat-Head Allen Screws per dozen	FLAS-175	FLAS-250	FLAS-303
Flathead Allen Stainless-Steel Screws per dozen	FLSS-175	FLSS-250	FLSS-303
Hex-Head Screws dozen	FLHD-175	FLHD-250	FLHD-303

FL-FR Replacement foam rubber 1/2x1/2" per foot

FL-WC Welded corners per corner

FL-RT Locking Bar Release Tool

FL-AH Drilling and tapping for additional bolts per hole



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