

Roller Frame - Mesh Panel Installation Guide

You will need the following items:

- * Roller Frame (ex.A)
- * Roller Stretching Kit (ex.B)
- * Roller Panel (ex.C)
- * Tension Meter

STEP 1

* Ensure that your *Roller Frame Stretcher* is securely fastened to a stable working table or bench as shown in the diagram (ex.1). Position the empty Roller Frame in the stretcher.

STEP 2

* Place your *Roller Mesh Panel* on top of the roller frame with white thread facing up (one side of the panel will have black thread on the locking strip and the other side will have white thread).

STEP 3

* Choose one of the short sides of the frame and center the locking strip to the locking strip channel. Roll the locking strip on the edge of the panel once toward you so that the black thread is now facing up and seen through the mesh. Prepare to insert into the locking strip channel as shown in the diagram (ex.2).

STEP 4

* Starting in the center of the strip, begin to insert the locking strip into the channel pressing it into place firmly from the center, working toward the ends until it is uniformly secured into position as shown in the diagram (ex.3). Continue next to the opposing side of the frame and then to the other two sides of the frame with the same process until all four sides of the mesh panel are centered and fastened into the locking strip channels.

STEP 5

* Using the four stretching wrenches included in your *Roller Frame Stretching Kit*, position the hook of each wrench into the outer lip of the locking strip channel and slightly pull down until the wrench can be held at the first or second notch of the stretching wrench tower as shown in the diagram (ex.4). Continue in the same sequence noted above, pulling opposing sides equally, leaving all four wrenches at the same position on the stretching wrench tower.

STEP 6

* Using your tension meter to check the tension of your mesh between adjustments (ex.5), continue in the same sequence; pulling opposing sides consecutively and holding the position as you work your way down the notches on the stretching wrench tower (ex.6) until you reach the desired tension. *NOTE: To optimize the mesh tension you can allow the mesh to "rest" for a period in which the tension should slightly drop. You can then re-tighten the mesh slightly to retain higher tension for a longer period of time.*

STEP 7

* Using the wrench included in your *Roller Frame Stretching Kit*, tighten the corner locking bolts.(ex.7). 65 lbs/ft is recommended and can be measured using a torque wrench.

A



3



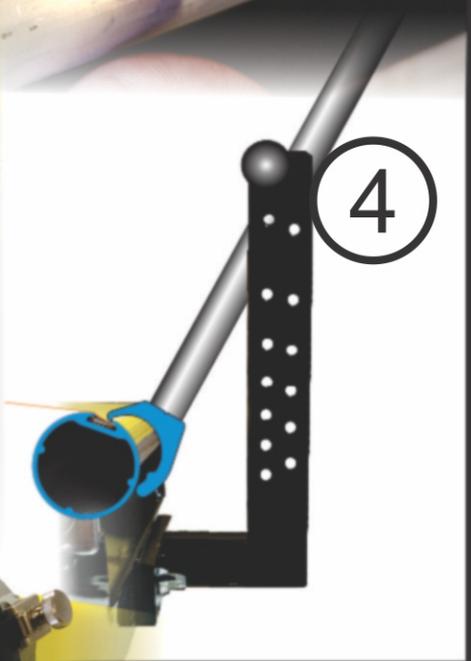
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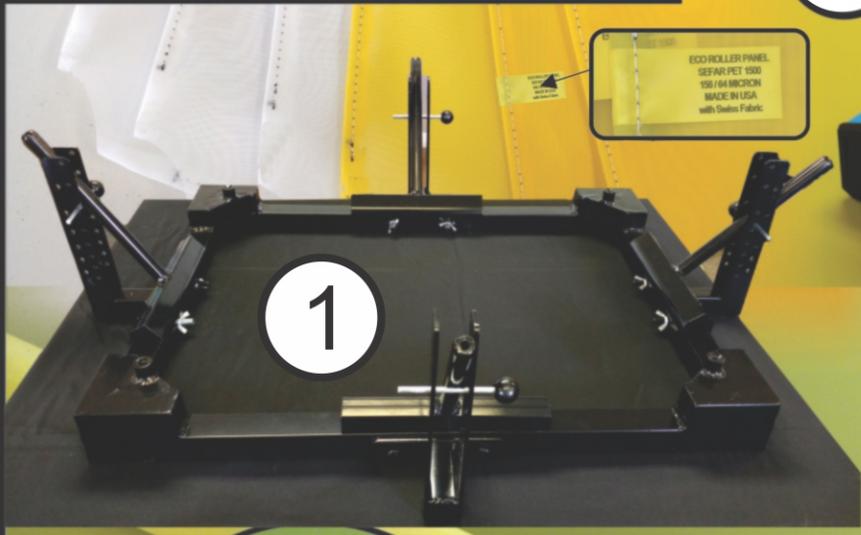
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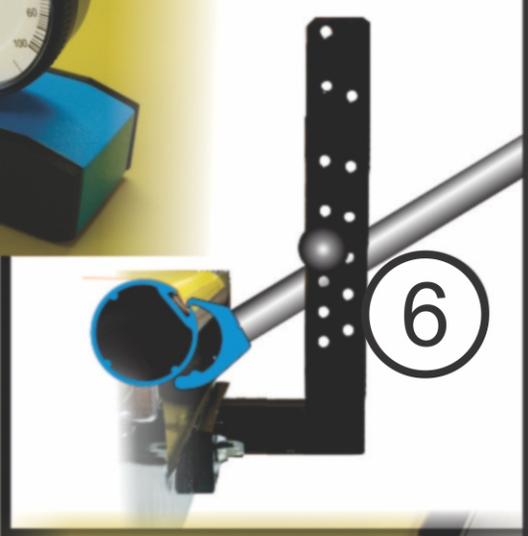
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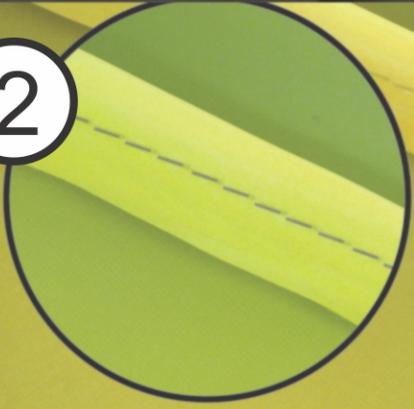
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ECO ROLLER PANEL
SEPAR PET 1500
150 / 154 MICRON
MADE IN USA
with Swiss Fabric