

### Four Piece, Modular Ottoman

Using Rowley's exclusive FirmaFlex™ Fiber Board, we've designed and fabricated four pie-shaped pieces that also join together to create one large circle ottoman. Explore our steps for completing this show-stopping ottoman that creates a versatile and cozy conversation area in any space.



### Four Piece, Modular Ottoman: Step-By-Step Instructions

This how-to guide covers the steps to design, build and upholster a pie-shaped ottoman that when positioned with three others, makes one large round ottoman. Our ottoman finished approximately 18" high x 24" W x 24" L.

## Materials & Supplies

### Rowley Products

- Straight Edge Ruler
- FirmaFlex™
- R-TEC Upholstery Air Stapler - Long Nose
- 71 Series Staples - 3/8"
- 71 Series Staples - 3/4"
- Polyester Batting
- R-TEX Polyester Welt Cord - 1/4"
- Pattern Making Paper
- Spray Adhesive
- Cardboard Tack Strip - 1/2"
- R-TEX Black Cambric
- Finestra® Wood Hardware Pole - 2"

### SKU

- [MR26](#)
- [BP48/24](#)
- [NSG10](#)
- [NS33/E](#)
- [NS35/E](#)
- [PF76](#)
- [WCP2/](#)
- [DYC18/](#)
- [AS30](#)
- [CS50](#)
- [PA40/](#)
- [FSW200S04W/](#)

### Other Materials Needed:

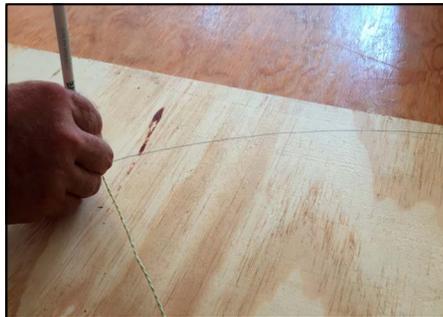
- 1/2" Plywood
- 2 x 2's
- Wood Screws
- Box Cutter and/or Jig Saw
- T-Nuts
- Double-Ended Screws the size of the T-Nuts
- 4" Medium Density Foam
- 1/4" Drill Bit
- Furniture Leg Protectors

### Material Amounts Needed Per Ottoman:

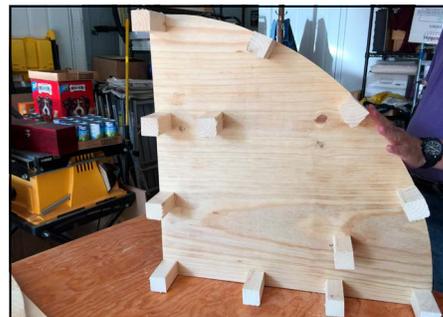
- FirmaFlex™: 4 - 24" x 4" strips; 1 - 24" x 24" square
- Finestra® Wood Pole: Approximately 44"
- 1/2" Plywood: 24" x 24"
- 2 x 2: approximately 48"
- T-Nuts: 4
- Double-Ended Screws: 4
- Furniture Leg Protectors: 4

## Making the Frame:

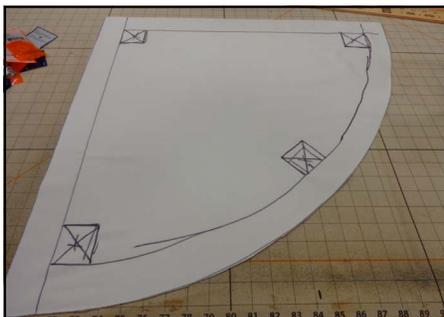
- 1 Cut ½" plywood to 24" squares. To make four ottomans, cut four pieces.
- 2 Mark the curved line by following a 24" cord.
- 3 Cut along shape using a jig saw.



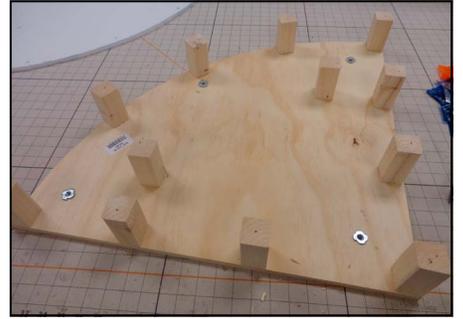
- 4 Cut support legs out of 2 x 2 boards. Our support legs finished at 3 ½" for a total ottoman frame height of 4".
  - A. Cut 4 supports per straight side and at least 2 legs for the front curve. You may also want to add support legs further in on the frame if the ottomans will get heavy use.
- 5 Mark support leg locations.
- 6 Screw support legs to ottoman bottom.



- 7 Measure and mark for T-Nut placement.

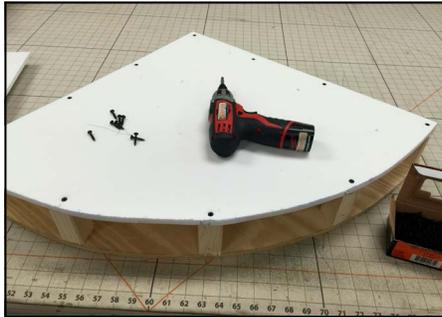
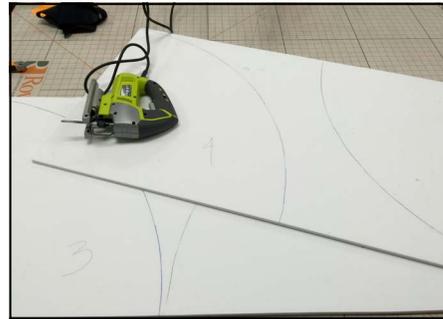
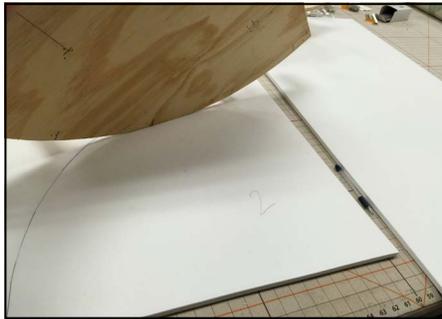


8 Install T-Nuts at marks.



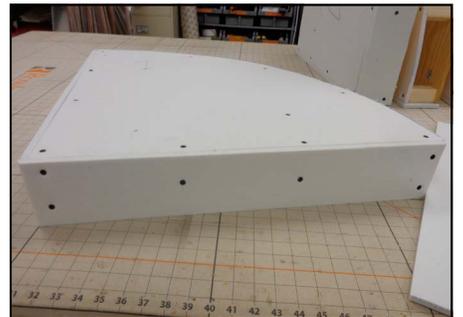
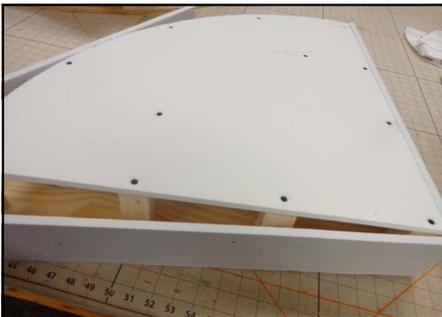
9 Using the bottom as a pattern, mark and cut tops out of FirmaFlex™.

10 Screw top to bottom frame.



11 Cut 4" strips of FirmaFlex™ for the surround.

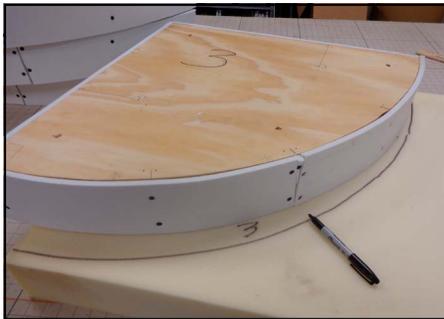
12 Screw the strips to the sides of the ottoman frame to totally enclose the frame.



## Adding the Foam:

1 Using the completed frame as a pattern, cut foam 1/2" larger all the way around the marks.

2 Cut a piece of batting the same size as the foam.



3 Lay the batting piece on the foam and spray-glue in place.

4 Cover the entire ottoman with another layer of batting, cutting away bulk on the curved side.



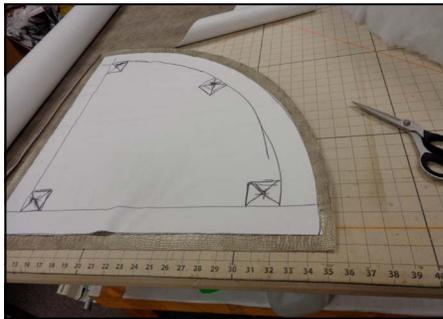
## Cutting the Fabric:

1 From the pattern, cut the ottoman top, adding seam allowances.

2 Cut 6" boxing strips, enough to go around the frame and make a smooth join; cut 8" banding strips, enough to go around the frame and make a smooth join.

3 Sew strips together so you are working with one piece of boxing, making joins at the corners if possible.

4 Cut and make enough welt cord to go around the frame two times.



## Making the Cover:

- 1 Sew welt to ottoman top piece, making the join at the machine.



- 2 Sew on the boxing, putting one join seam at a corner and ending at the other corner.

- 3 Walk ends together and mark for join. Make the join at the machine.

- 4 Clip away bulk at the corners and check seams. Fix any seams now.

- 5 Clip the curved seam allowance.



## Upholstering the Ottoman:

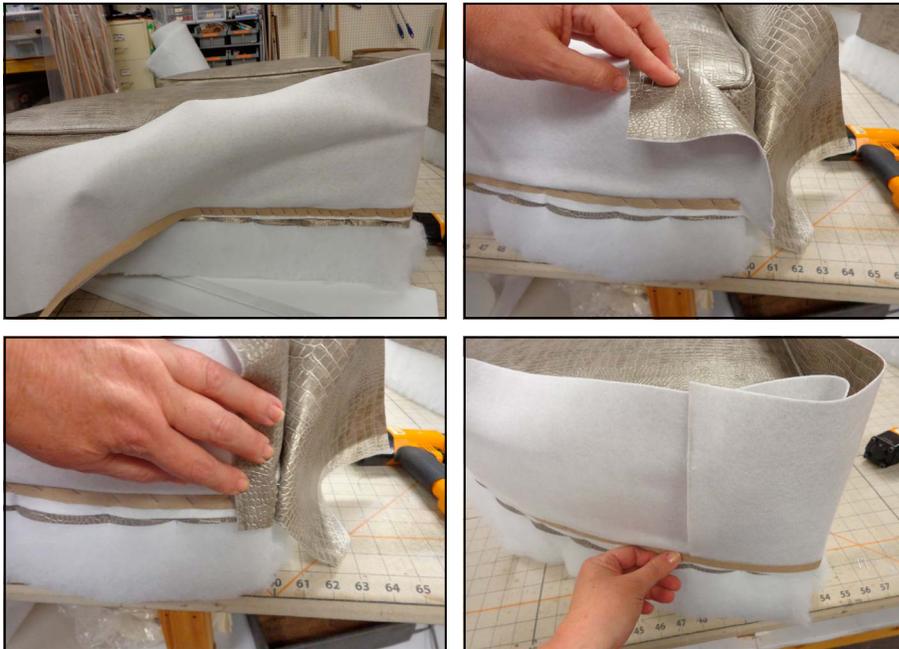
- 1 Pull completed top onto ottoman and staple, aligning joint seams at the corners.



- 2 Staple a row of welt cord 1" up from the frame top, making a smooth join.



- 3 Using cardboard tack strip, put on the bottom banding, making a join at a corner, aligning it with a boxing join.



- 4 Pull banding down over batting and staple to bottom of frame, easing in fullness around the curved side.

- 5 Staple on a bottom row of welt cord, making a smooth join.



6 Cover the bottom with a layer of Cambric.

7 Open the holes for the T-Nuts.



## Making the Legs:

1 Cut wood poles to 10 1/2".

2 On one end, drill a hole to accept the double ended screw.

3 Screw in screw.



4 On the other end, hammer in a furniture protector leg.

5 Screw legs into T-Nuts on ottoman.



