

Fabricate Automated Relaxed Roman Shades

These R-TEC Automation® Relaxed Roman Shades have three permanent folds at the bottom.

Materials & Supplies

Rowley Products

Item

1 ½" Aluminum Roller
(or any size rollers for shades)

[RC60](#)

Flat Fiberglass Roman Shade Ribs

[RSR13/6](#)

Shade Rib Cutter

[RC30](#)

Fabric Tubing for ¾" Solid Steel Rod

[RSR5/100](#)

Cord Adjuster Orbs

[RW19](#)

Waxed Silamide Skeins

[TWS23/](#)

W&I Manchester Sateen Lining

[LNW40/F](#)

W&I Hampton Cotton Interlining

[LNW10/F](#)

Pen Style Chalk Markers

[WW13/](#)



Automated Relaxed Roman Shades: Step-By-Step Instructions

Plan for the Roman Shade 'smile'

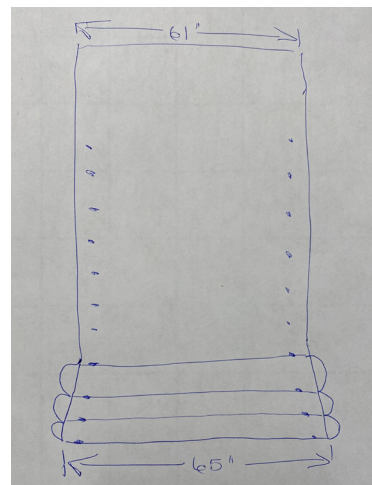
- To create the arched 'smile' for these Roman shades, pin a piece of weighted bead chain to the side of a worktable the finished width of the shade.
- The center of the bead chain should drop the amount you would like the curve (smile) to drop.



Measure the bead chain and this will become the width of the fabric for the bottom of the shade.

Basic Instructions for Relaxed Roman Shades

- 1 The side seams of these shades are pillow cased, so the face fabric and lining are stitched along the sides with a $\frac{1}{2}$ " Seam Allowance (SA).
 - To form the curve at the bottom of the shade, the bottom is cut at an angle up to the position above the three permanent folds where the fabric is cut the shade width plus 1".
 - Each of the permanent folds has 8" of fabric.
 - The Face Fabric (FF) turns up 4" to the back of the shade.
 - Flat Roman shade ribs are used in these shades, starting above the tack points of the permanent folds.
 - The cut length for the FF is the Finished Length (FL) of the shade + 25" for the folds at the bottom + enough fabric to staple to the top of the board.



Cut and Sew the Shade Fabric & Lining

The shade demonstrated here is inside mount and measures 60" x 66" FL.

- 2 Cut the face fabric and lining for the shades. Seam if necessary.



- 3 Place face fabric and linings right sides together. Pin along the bottom edge.

- 4 Sew a $\frac{1}{2}$ " SA along the bottom edge.



Mark the Permanent Folds & Side Hems

- 5 Trim a bottom SA if necessary.
- 6 Place the fabric and lining on the table with wrong sides together.
- 7 Fold 4" of the FF to the back of the shade. Press lightly.



- 8 Mark the bottom of the shade to the width needed for the bottom curve + the side seam allowances (65" for this shade).



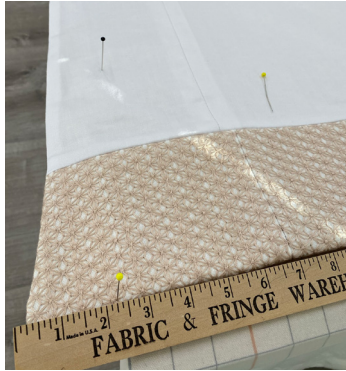
- 9 Mark the top portion of the shade above the permanent fold allowance (61" for this shade).

- 10 Trim the shade to the Finished Width (FW) + the SA.



Sew the Side Seams, Create Folds & Attach Shroud Tube to the Back of Shade

- 11 Fold the shade fabric right sides together. Pin sides. Stitch a ½" SA.
- 12 Turn shade right side out. Press side hems.
- 13 Mark for the shroud tube tack points 2" from the outer edges of the shade.



- 14 Tack the bottom four tack points together to form the three permanent folds.
- 15 Tack the shroud tube to the back of the shade at each side of the shade, no more than 8" apart.



- 16 Insert a flat Roman shade rib above each tack point.



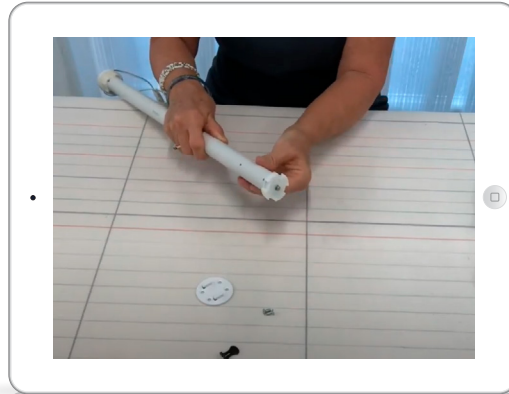
- 17 Prepare and attach a weight bar to the shade just above the permanent folds.

Completing the Shade

18 Press the shade to the FL.

19 Assemble the motorized shade tube.

Watch this YouTube video: [How to assemble an R-TEC Automation Shade Tube](#)



20 Attach the shade to the board.



21 Program the shade limits to complete the shade.

Watch this YouTube video: [How to program an R-TEC Automation Motorized Roman Shade](#)

