Tucked Roman Shade on an R-TEC AUTOMATION® Shade Tube

Learn how to fabricate shades tailored for automation and safety, keeping children and pets out of harm's way.

Materials & Supplies

Rowley Products	Item #
Sure-Shade™ Encased Lift Cord:	
- Shroud Tube	**ELK9/**
Plastic Sew-On Rings	**ST15/W**
Cord Adjuster Orb	**RW19**
Shade Headrail System of your Choice	**R-TEC**
Flat Fiberglass Roman Shade Ribs	**RSR13/**
Weight Bar	**BR6/**
Whyte & Ivory Lining	**Linings**
Sealah No-Sew Adhesive Tape	**SLT38**
R-TEC Smart Controls	**R-TEC**

Tucked Roman Shade with R-TEC: Step-By-Step Instructions

A tucked front Roman shade has tucks stitched to the front of the shade into which Roman shade ribs are inserted.

- As you are planning your fabric and lining cut length, allow enough additional length for each tuck to easily fit the shade rib you are using.
- When the shade is raised, the tucks come to the front, so the shroud tube is tacked on the back of the shade between the tucks.
- For this shade, flat fiberglass Roman shade ribs were used. RSR13/ and 1" of fabric was added for each tuck.

Prepare the Fabric & Lining:

1   Cut the face fabric width the finished size of the shade plus two side hems.

2   Cut the face fabric length the shade finished length plus 20" plus an extra 1" for each tuck.

3   Cut the lining width the finished size of the shade.

4   Cut the lining length the finished length of the shade plus 16" plus an extra 1" for each tuck.

5   Center the lining on the face fabric, wrong sides together.

6   Fold and press the bottom hem.

7   Cut a piece of Skirtex 10" x the finished width of the shade minus 1".

8   Press the Skirtex in half matching the long edges.

9   Insert the Skirtex between the face fabric and lining at the shade bottom hem. Close the bottom hem in your method of choice.

10   Fold and press the side hems. Close in your method of choice.

Determine Horizontal & Vertical Spacing for Shroud Tube:

1   The first three rows of tack points will be stitched together.

2   The first vertical row is placed at 5 ½" from the bottom hem.

*3*   The second vertical row is 3 ½" above the first row.

4 The third vertical row is 8" above the second row.

5 Each additional vertical row is equal distance towards the top of the shade allowing 1" additional for each tuck.

6 The horizontal rows start at 2" from each outer edge and equal distance across the shade.
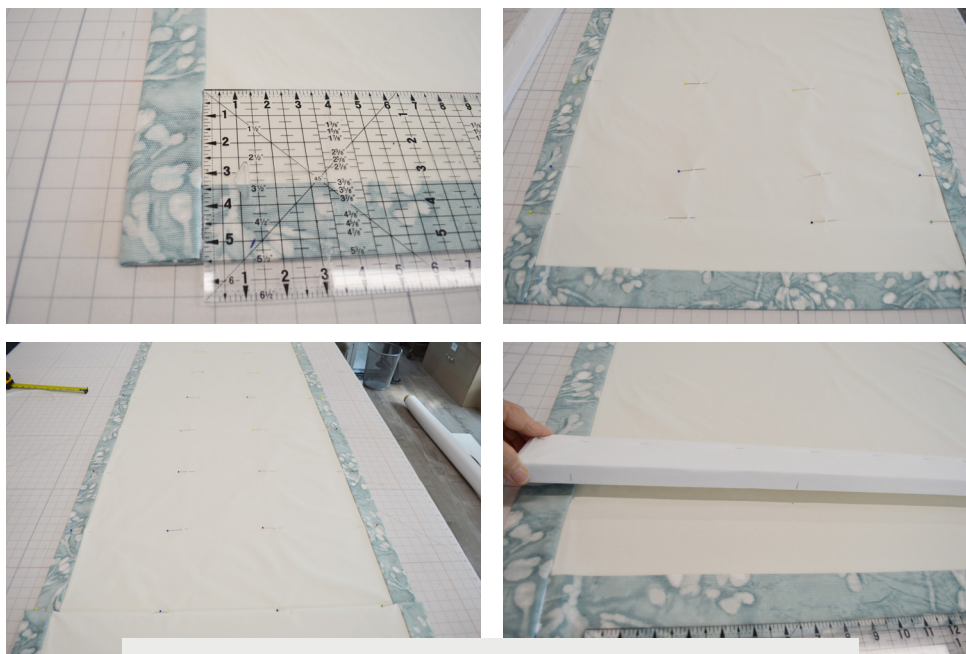
QUICK TIP Mark the shade board with the horizontal spacing and use this as a tool for marking the shade.

Mark & Sew the Tucks:

1 Cut the Roman shade ribs ½" narrower than the shade finished width.

2 Fold the shade, with the wrong sides in, bringing the vertical pins together. Press all the way across the shade forming a crease.

3 Place the shade on the table, lining side up.

4 Apply Sealah No-Sew Adhesive Tape SLT38/ to each side of the ribs.

5 Remove the protective paper from the tape and place the rib on the shade along the crease.

6 Fold the shade over the rib, pin the layers together and stitch the shade just to the outside edge of the rib.
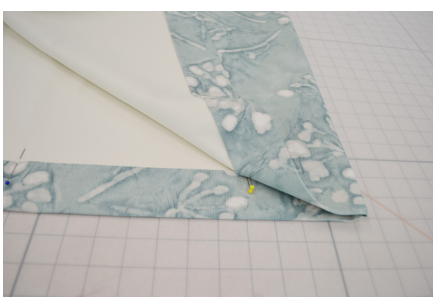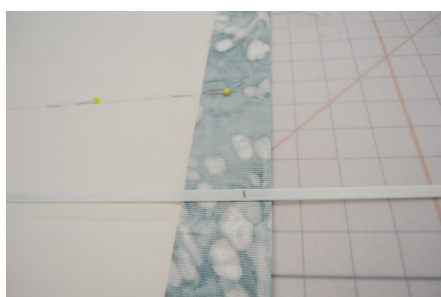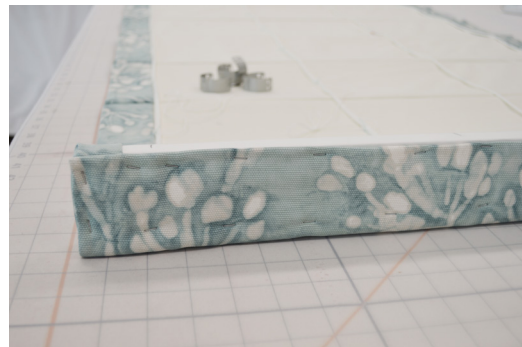
Complete the Tucked Roman Shade:

1   Attach the Shroud Tube to the back of the shade.

2   Staple the shade to the shade board.

3   Assemble the R-TEC Automated Shade Tube and attach to the shade board.

4   Attach the shade cord to the cord clips.

5   Place the shade clips to the shade tube offsetting the clips from the rows of shroud tube the appropriate amount for your shade length.

Watch How To Assemble an R TEC Automation by Rowley Motorized Shade Tube

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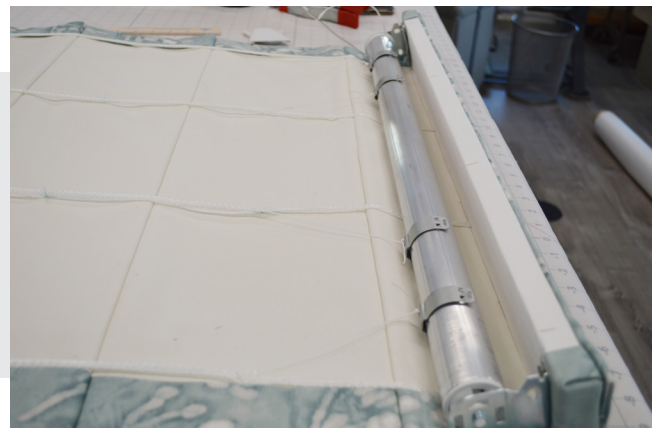
Top Tips for Using R-TEC AUTOMATION® Shade Systems:

1. If building my own motorized shade system, what parts do I need to order?
Reference the Shade Databook located in the R-TEC Automation Sales Kit RTMSALESKIT

- Wirefree Tubular Motor   **Wirefree**, **Wirefree with Wand**, **DC**
- Battery Charger   **Motor Accessories**
- Aluminum Roller   **RC60/**
- Drive Set Kit   **RTMDRK**   Select based on motor size and tube diameter
- Brackets   **Brackets**
- Remote Control - R-TEC Smart Controls   **R-TEC**
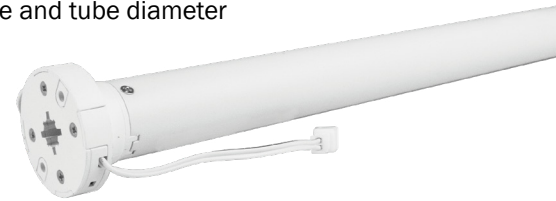
2. How do I know which motor to select?
- Determine the size and weight of your shade.
- Use the charts provided in the Rowley Catalog or Rowley Company website to find the motor to coincide with your shade.

3. If I'm using the solar panel, do I need to charge my motor when I get it?
- Yes.

4. Can I control the Wand Motor with a remote?
- No.

5. What are my power options with a DC Motor?
- Battery Tube Power Option for 25 mm motor **RTMDCBT**.
- Battery Pack Power Option for 25/28 mm Motors **RTMDCHCBP** (requires Battery Charger **RTMLBC**).

6. If I order a Custom Solutions motorized headrail, does it come fully charged?
- No. You should always charge any motor for a full 6 hours prior to first use.

7. How much clearance do I need for a motorized shade?
- Skyline Brackets **RSB10** & **RSB20** measure 2 ¼" and fit on a 1" x 3" (2 ½") board.
- Skyline Narrow Brackets **RSNB10** & **RSNB20** measure 1 ½" and fit on a 2" board.

8. How do I select my brackets?
- See above.

9. What are the advantages of the Wi-Fi R-TEC Hub and ARC™ USB Signal Repeater?
- The Wi-Fi **R-TEC Hub** and App integration allow window treatments to be controlled directly from a smartphone or integrated device while at home or away.

GET IT ON **Google Play**

Download on the **App Store**

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- The **ARC™ USB Signal Repeaters** extend the wireless range of the R-TEC Hub and Remotes up to 60'. Maximum 2 per system or network.

10. Can I control more than one shade with a single remote?
- Yes, you may program as many shades as you wish with a single remote. Remember though, the shades will all raise and lower at the same time when using a single channel remote. You may, however, program a different favorite position for each shade.

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R-TEC AUTOMATION® Education Library

Gain the competitive edge through R-TEC Automation® education and training.