

# Freestanding Eiffel Tower



Collection No. 12971  
1 Design/14 Files

# MATERIALS



## Isacord Thread Colors

- 0015 White
- 0020 Black

**Note: One spool of 1000 meter thread is adequate for the project unless otherwise noted.**



# MATERIALS



## Stabilizers

- OESD AquaMesh WashAway
- OESD BadgeMaster WashAway
- OESD StabilStick CutAway
- OESD Fiber Form

## Fabrics/Textiles

- Gray quilter's cotton

## Notion & Tools

- OESD Grippy GRID
- OESD Expert Embroidery Tape TearAway
- OESD Expert Embroidery Tape WashAway
- OESD Perfect Punch Tool
- OESD Mini MAT
- OESD Alligator Clamps
- OESD Button Clips
- OESD Perfect Embroidery Press Cloth
  
- Embroidery Needle Sharp 75/11 (FSA)
- Embroidery Needle Ballpoint 80/12 (FSL)

## Isacord Thread Colors

- Per the thread chart
- Match bobbin thread to top thread



# SUMMARY



Embroidery Hoop to accommodate: 2.14" x 9.57"  
 Finished project size: 17 3/4" H x 6 5/8" L x 6 5/8" W

12971-01



Requires 1 Design  
 12971-06

12971-02



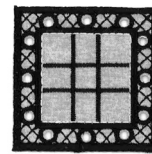
Requires 2 Designs  
 12971-07

12971-03



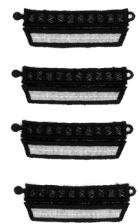
Requires 1 Design  
 12971-08

12971-04

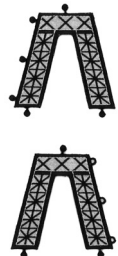


Requires 1 Design  
 12971-09

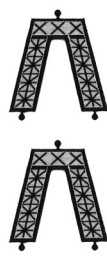
12971-05



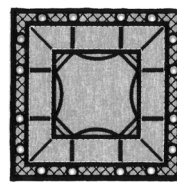
Requires 1 Design  
 12971-10



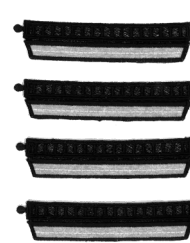
Requires 1 Design



Requires 1 Design



Requires 1 Design



Requires 1 Design



Requires 1 Design

12971-11



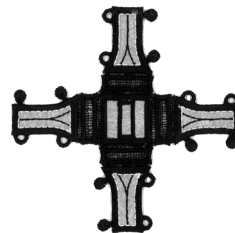
Requires 2 Designs

12971-12



Requires 1 Design

12971-13



Requires 1 Design

12971-14



Requires 1 Design



# EMBROIDERY



## General Instructions

The freestanding applique instructions, included in the collection, are general instructions. For demonstration purposes, a sample design that best demonstrates the technique is shown. Fabric and thread requirements will vary by design, but the general technique is the same. All designs are stitched with matching thread, top and bobbin. Note: Some thread colors in instructions have been changed or digitally enhanced for better visibility.

## Single Sided Applique

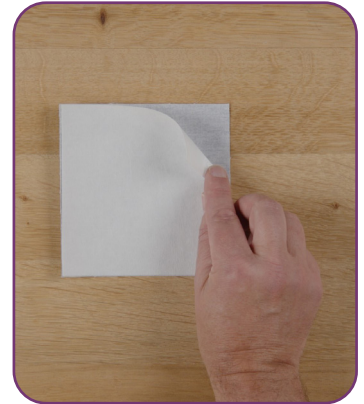
Design Name	Design Number	Requires
Section 2 Side 1 FSA	12971-01	1
Section 2 Sides 2 & 3 FSA	12971-02	2
Section 2 Side 4 FSA	12971-03	1
2nd Platform FSA	12971-04	1
2nd Platform Railing FSA	12971-05	1
1st Platform FSA-01	12971-08	1
1st Platform Railing FSA	12971-09	1
Summit FSA	12971-13	1



# EMBROIDERY

## Step 1

- Cut the Fiber Form and applique fabric 1/4"-1/2" larger than the applique templates.
- Adhere one layer of StabilStick CutAway to the wrong side of all applique fabrics to provide stiffness to the finished structure.



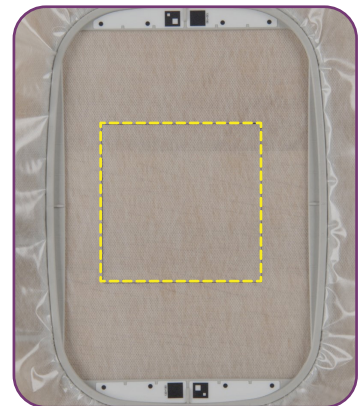
## Step 2

- Hoop one layer of AquaMesh and one layer of BadgeMaster for all designs.



## Step 3

- Load selected design into the machine.
- Example design is 12971-08.
- Thread the machine per the thread chart.
- Place the hoop on the machine.
- Stitch Machine Step 1, Fiber Form/Gray Fabric Placement Stitch.



# EMBROIDERY

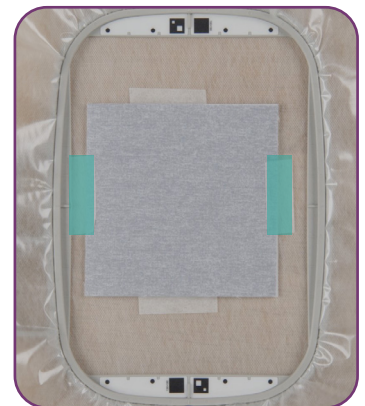
## Step 4

- Remove the hoop from the machine, but NOT the project from the hoop.
- Place the hoop on a flat surface.
- Completely cover the placement stitch with the Fiber Form.



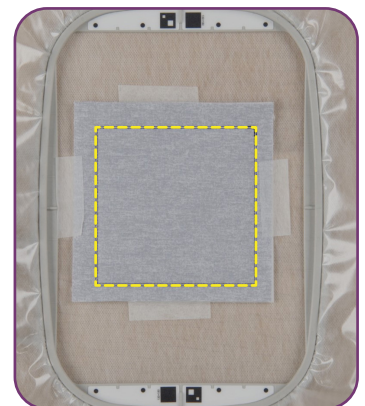
## Step 5

- Completely cover the Fiber Form with the prepared applique fabric.
- Tape in place to secure.



## Step 6

- Return the hoop to the machine.
- Stitch Machine Step 2, Cut Line and Tackdown.



# EMBROIDERY

## □ Step 7

- Remove the hoop from the machine, but NOT the project from the hoop.
- Trim the excess fabric as close to the cut line as possible. If the outermost stitches (cut line) are cut, the inner stitches (tackdown) will hold the applique in place. Tip: If the stabilizer is cut or a hole is created while trimming the fabric, use OESD Expert Embroidery Tape WashAway as a patch.



## □ Step 8

- Trim the excess Fiber Form as close to the cut line as possible.





# EMBROIDERY

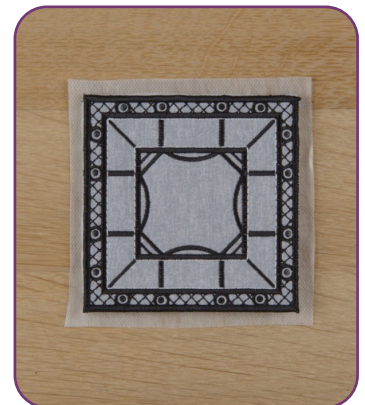
## □ Step 9

- Return the hoop to the machine.
- Stitch the remaining machine steps per the Thread Chart with matching bobbin thread.



## □ Step 10

- When the design is complete, remove the project from the hoop and trim the stabilizer 1/4" - 1/2" outside the design.



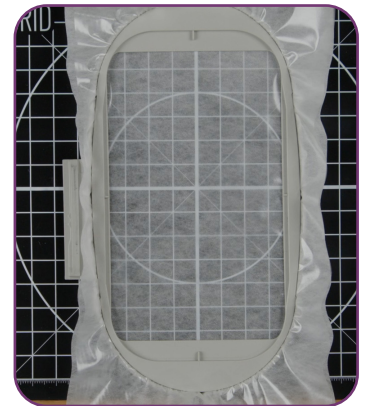
# EMBROIDERY

## Double Sided Applique

Design Name	Design Number	Requires
Section 1 Sides 1 & 4 FSA	12971-06	1
Section 1 Sides 2 & 3 FSA	12971-07	1
Base Side 1 FSA	12971-10	1
Base Sides 2 & 3 FSA	12971-11	2
Base Side 4 FSA	12971-12	1

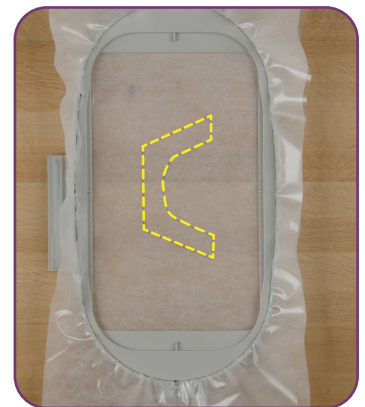
### Step 11

- Hoop one layer of AquaMesh and one layer of BadgeMaster for all designs.



### Step 12

- Load selected design into the machine.
- Example design is 12971-10.
- Thread the machine per the thread chart.
- Match the bobbin thread to the upper thread throughout.
- Stitch Machine Step 1, Fiber Form/Gray Fabric Placement Stitch.



# EMBROIDERY

## □ Step 13

- Remove the hoop from the machine, but NOT the project from the hoop.
- Place the hoop on a flat surface.
- Completely cover the placement stitch with the Fiber Form.
- Tape in place to secure.



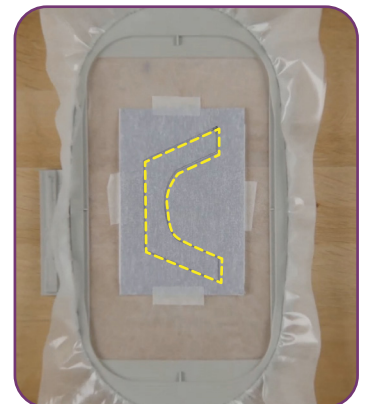
## □ Step 14

- Completely cover the Fiber Form with the prepared applique fabric.
- Tape in place to secure.



## □ Step 15

- Return the hoop to the machine.
- Stitch Machine Step 2, Cut Line and Tackdown.



# EMBROIDERY

## □ Step 16

- Remove the hoop from the machine, but NOT the project from the hoop.
- Trim the excess fabric as close to the cut line as possible.



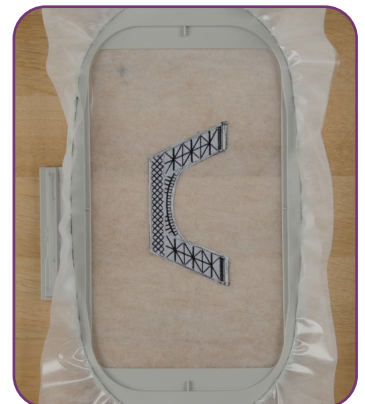
## □ Step 17

- Trim the excess Fiber Form as close to the cut line as possible.



## □ Step 18

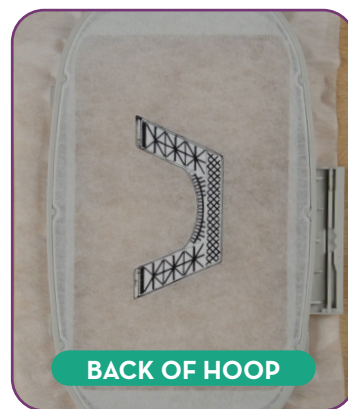
- Return the hoop to the machine and stitch the Machine Step 3, Detail.



# EMBROIDERY

## □ Step 19

- Remove the hoop from the machine, but NOT the project from the hoop.
- Place the hoop on a flat surface.
- Turn the hoop over and place the prepared applique fabric, right side up, completely covering the design.
- Carefully tape to secure.
- Tip: Avoid pushing too hard on the stabilizer to prevent it from dislodging from the hoop.



## □ Step 20

- Return the hoop to the machine.
- Stitch Machine Step 4, Back Tackdown.



# EMBROIDERY

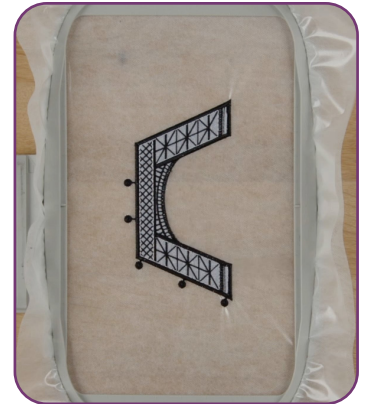
## □ Step 21

- Remove the hoop from the machine, but NOT the project from the hoop.
- Turn the hoop over and trim the excess fabric as close to the tackdown as possible.



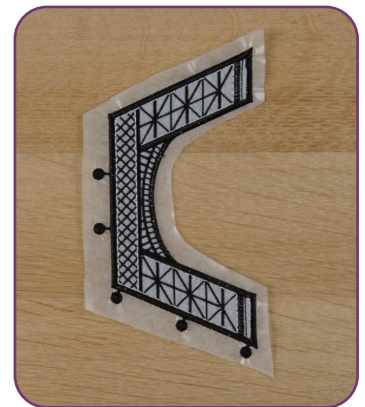
## □ Step 22

- Return the hoop to the machine.
- Stitch the remaining machine steps per the Thread Chart with matching bobbin thread.



## □ Step 23

- When the design is complete, remove the project from the hoop and trim the stabilizer 1/4" - 1/2" outside the design.



# GENERAL FREESTANDING LACE GUIDE

OESD™ PREMIER  
COLLECTION



Design Name	Design Number	Requires	Notion/Tools	Isacord Thread Colors
Summit Topper FSL	12971-14	1	<ul style="list-style-type: none"><li>80/12 Embroidery Ballpoint Titanium needle for extended needle life</li><li>OESD Alligator Clamps</li><li>OESD Button Clips</li><li>OESD Perfect Point and Press Tool</li></ul>	<ul style="list-style-type: none"><li>All OESD designs are digitized with Isacord 40 wt. polyester thread as the top thread and in the bobbin.</li><li>Refer to the thread chart for color specifications.</li><li>Match bobbin thread color to the top thread.</li></ul>

## Stabilizer

- OESD AquaMesh
- OESD BadgeMaster

## Instructions

### Step 1 - Hoop

For FSL structures, hoop one layer of OESD AquaMesh and one layer of OESD BadgeMaster. BadgeMaster contains more starch so, combined with the AquaMesh, the lace is more rigid. For other FSL, where a softer lace is desired, hoop two layers of AquaMesh.

### Step 2 - Embroider

Stitch the design per the thread chart with matching thread in the bobbin at each color change. When complete, remove from the hoop and trim away excess stabilizer about 1/4"-1/2" from the stitching.

### Step 3 - Rinse

Rinse remaining stabilizer out in warm running water. For stiffer lace and FSL structures, DO NOT rinse away all of the stabilizer. The lace should be just slightly tacky. For softer lace, rinse until all traces of the stabilizer is removed.

### Step 4 - Dry

Lay right side down flat on a non-stick surface, such as a cookie rack, parchment paper or Teflon sheet. This minimizes the tendency for the lace to curl. Let the pieces dry completely before proceeding with any assembly.

### Step 5 - Press

Once completely dry, press right side down on a OESD Perfect Embroidery Press Cloth.

### Step 6 - Assemble Structure

Note: Specific assembly instructions for a design/collection may be found in the thread chart pdf following the individual design color charts. Lace must be COMPLETELY DRY before assembly. Wetting the buttonettes or eyelets to assemble is not recommended and may result in them stretching and coming "unbuttoned" when dry. Use a pair of OESD Alligator Clamps to insert the buttonettes into the eyelets. Insert the tip of the OESD Alligator Clamps into the eyelet, grasp the buttonette and pull through the eyelet. Alternatively, use a stiletto or tweezers to push the buttonette through the eyelet.

## Helpful Tips

### Limp Lace

If the design is not stiff enough, press the lace pieces on the wrong side while applying spray starch. After ironing, spray again with starch and allow to dry completely. This will stiffen the lace pieces nicely and aid in construction. Or easily re-stiffen by diluting some stabilizer scraps in water (or use liquid starch) and dipping the item in the solution. Lay flat to dry.

### Eyelets Too Small

If any of the eyelets appear closed or too small to penetrate with Alligator Clamps, they may be stretched by inserting the small end of the OESD Perfect Point and Press Tool into the eyelet opening and stretching it open wide enough to accommodate the OESD Alligator Clamps.

### Button Clips

During the assembly process, some structures pull on buttonettes that have already been inserted and could pull them out altogether. Putting a Button Clip on the assembled buttonette will keep it in position during the assembly process. Remove the Button Clips when the assembly is complete.

### Alternative Construction Option

In some cases, the buttonettes may be pulled to the inside of a project, instead of being visible on the outside. Insert the OESD Alligator Clamps through the eyelet from the wrong, or inside, of the lace and grasp the corresponding buttonette. Pull the buttonette to the wrong side of the lace. Pulling the buttonettes to the inside may cause stress on the ones already done. Button clips may be placed on the completed buttonette(s) to prevent them from pulling out of the eyelet.

# ASSEMBLY

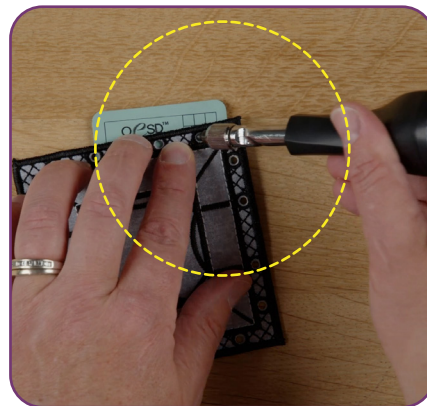
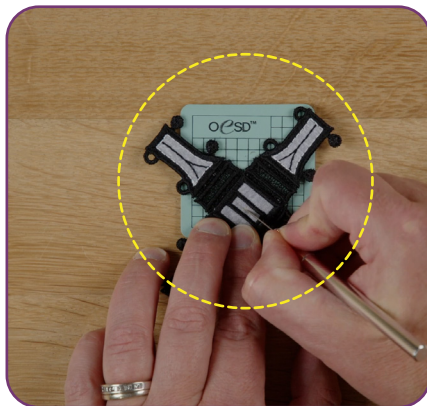
## □ Step 24

- Rinse each piece in warm running water until the design is only slightly tacky.
- Place right side down on a non-stick surface to dry. Parchment paper or a cooling rack work well to prevent curling. Dry completely.
- Once dry, press right side down on a Perfect Embroidery Press Cloth.



## □ Step 25

- Before assembly, use the OESD Mini MAT and a craft knife to cut through all the layers of the tab entry.
- Use the OESD Mini MAT and Punch Tool with the 3mm attachment to create the eyelets indicated in the diagram.
- Tip: Take care to not cut the satin stitching.
- Reference the Punch Tool Guide on page 26.

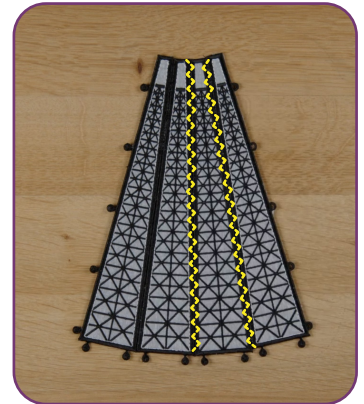




# ASSEMBLY

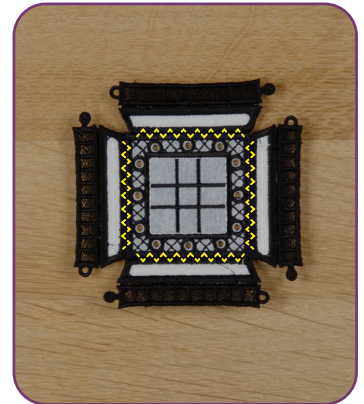
## □ Step 26

- Line up the Section 2 Side 1 FSA (12971-01), the two Section 2 Sides 2 & 3 FSA (12971-02), and the Section 2 Side 4 FSA (12971-03) to connect.
- Thread the sewing machine with matching thread in the top and bobbin.
- Stitch together using a multi-step zigzag stitch.
- Back stitch at the beginning and end to secure.
- Trim thread tails.
- Fold and press into shape.



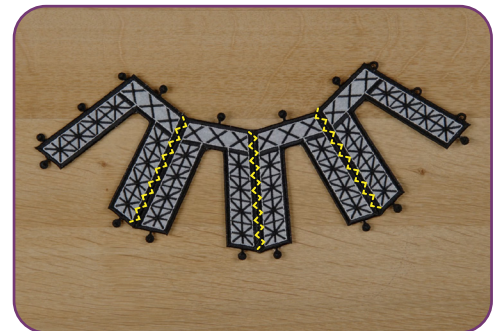
## □ Step 27

- Line up the 2nd Platform FSA (12971-04) right side up and the four 2nd Platform Railing FSA (12971-05) right side DOWN to connect.
- Stitch together using a multi-step zigzag stitch.
- Back stitch at the beginning and end to secure.
- Trim thread tails.
- Fold and press into shape.



## □ Step 28

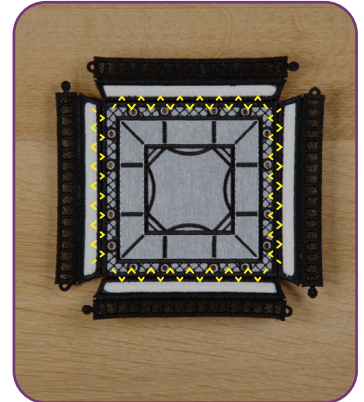
- Line up the two Section 1 Sides 1 & 4 FSA (12971-06) and the two Section 1 Sides 2 & 3 FSA (12971-07) to connect.
- Stitch together using a multi-step zigzag stitch.
- Back stitch at the beginning and end to secure.
- Trim thread tails.
- Fold and press into shape.



# ASSEMBLY

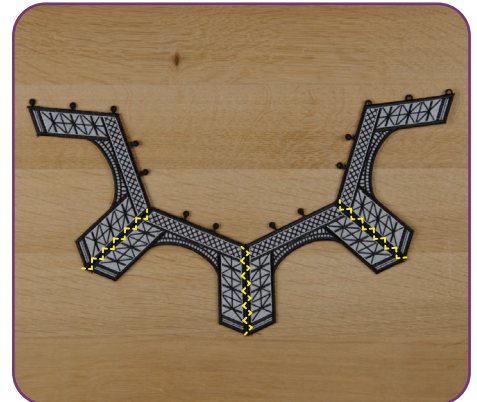
## Step 29

- Line up the 1st Platform FSA-01 (12971-08) right side up and the four 1st Platform Railing FSA (12971-09) right side DOWN to connect.
- Stitch together using a multi-step zigzag stitch.
- Back stitch at the beginning and end to secure.
- Trim thread tails.
- Fold and press into shape.



## Step 30

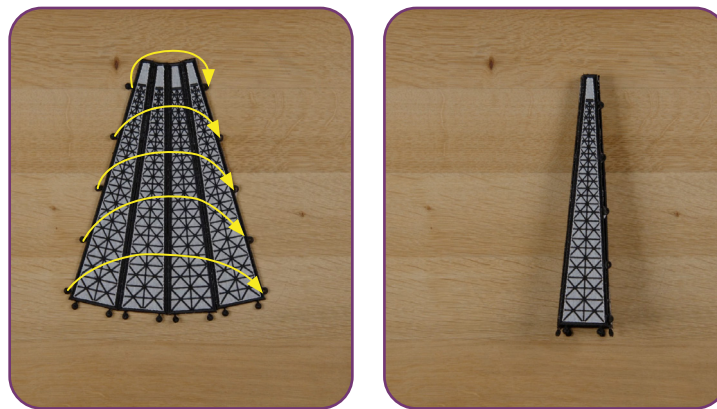
- Line up the Base Side 1 FSA (12971-10), the two Base Sides 2 & 3 FSA (12971-11), and the Base Side 4 FSA (12971-12) to connect.
- Stitch together using a multi-step zigzag stitch.
- Back stitch at the beginning and end to secure.
- Trim thread tails.
- Fold and press into shape.



# ASSEMBLY

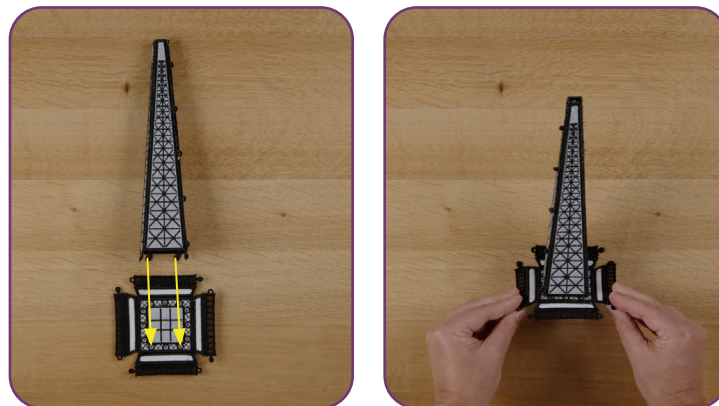
## □ Step 31

- Match the buttonettes of the Section 2 Side 1 FSA (12971-01) to the eyelets of the Section 2 Side 4 FSA (12971-03).
- Use Alligator Clamps to pull each buttonette through the corresponding eyelet, using button clips to temporarily hold them in place, as needed.



## □ Step 32

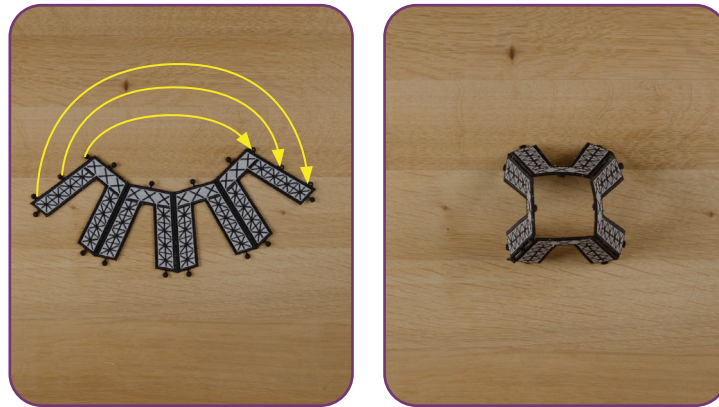
- Match the buttonettes of the assembled tower top section to the eyelets of the 2nd Platform FSA (12971-04).
- Pull each buttonette through the corresponding eyelet.



# ASSEMBLY

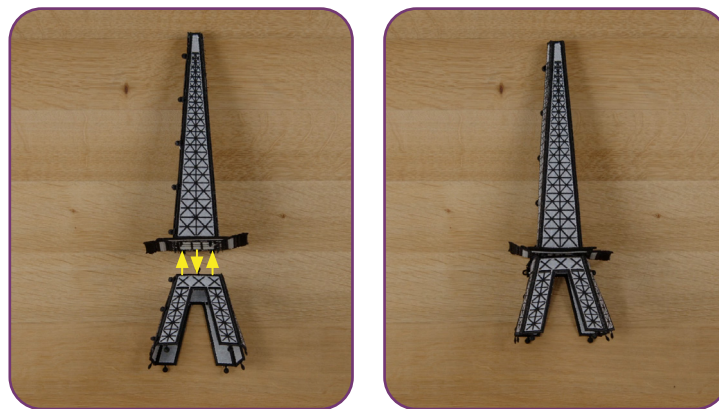
## Step 33

- Match the buttonettes and eyelets of the Section 1 Sides 1 & 4 FSA (12971-06).
- Use Alligator Clamps to pull each buttonette through the corresponding eyelet, using button clips to temporarily hold them in place, as needed.



## Step 34

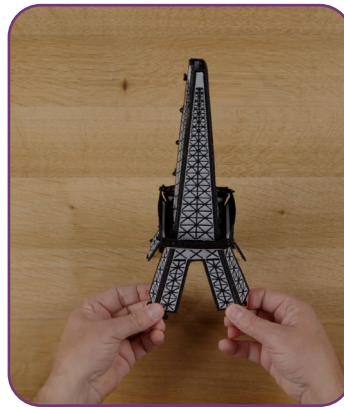
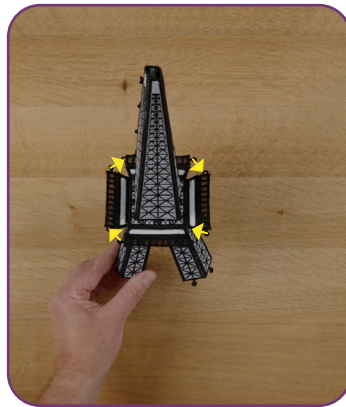
- Match the buttonettes of the assembled tower middle section to the eyelets of the 2nd Platform FSA (12971-04).
- Pull each buttonette through the corresponding eyelet.



# ASSEMBLY

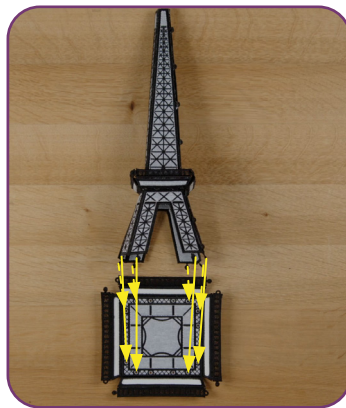
## Step 35

- Match the corner buttonettes and eyelets of the 2nd Platform Railing FSA (12971-05).
- Pull each buttonette through the corresponding eyelet.



## Step 36

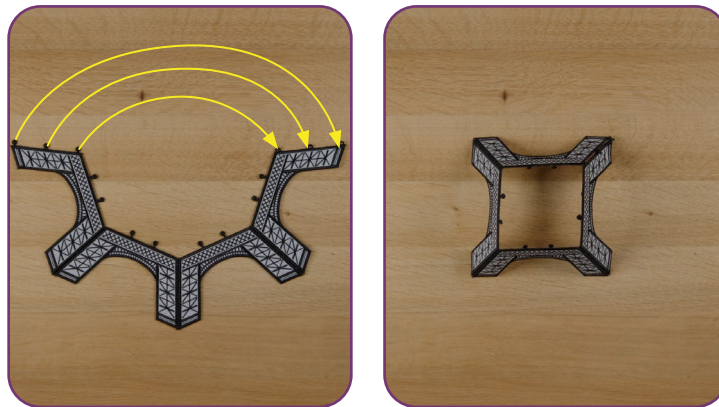
- Match the buttonettes of the assembled tower middle section to the eyelets of the 1st Platform FSA-01 (12971-08).
- Pull each buttonette through the corresponding eyelet.



# ASSEMBLY

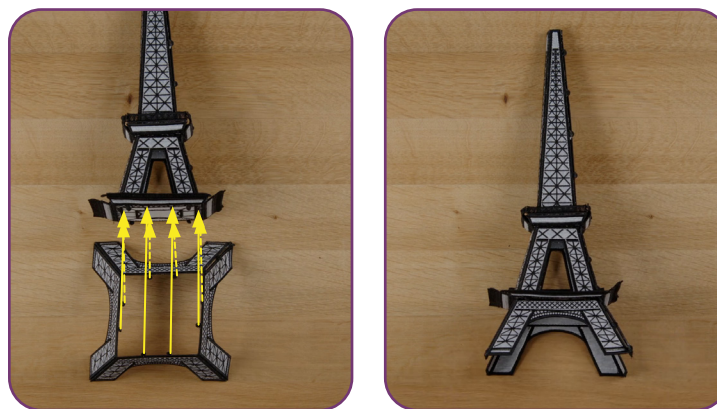
## □ Step 37

- Match the buttonettes of the Base Side 1 FSA (12971-10) to the eyelets of the Base Side 4 FSA (12971-12).
- Use Alligator Clamps to pull each buttonette through the corresponding eyelet, using button clips to temporarily hold them in place, as needed.



## □ Step 38

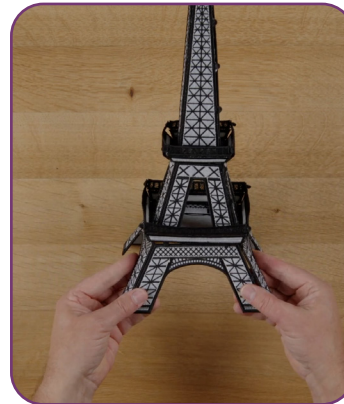
- Match the buttonettes of the assembled tower bottom section to the eyelets of the 1st Platform FSA-01 (12971-08).
- Pull each buttonette through the corresponding eyelet.



# ASSEMBLY

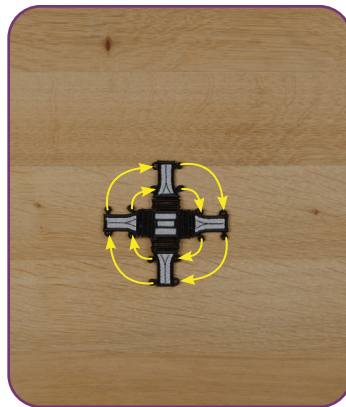
## Step 39

- Match the corner buttonettes and eyelets of the 1st Platform Railing FSA (12971-09).
- Pull each buttonette through the corresponding eyelet.



## Step 40

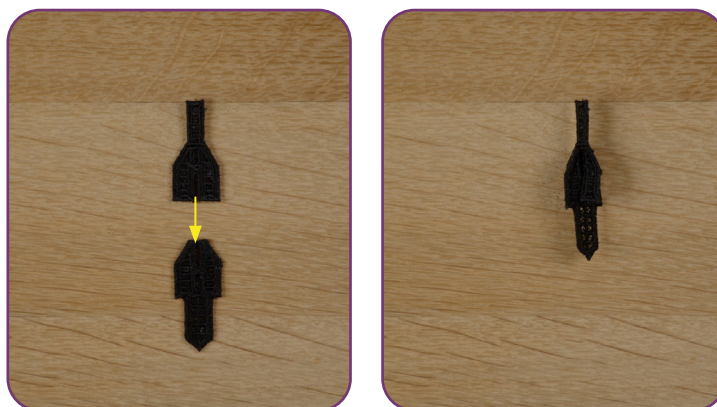
- Match the buttonettes to the eyelets of the Summit FSA (12971-13).
- Pull each buttonette through the corresponding eyelet.



# ASSEMBLY

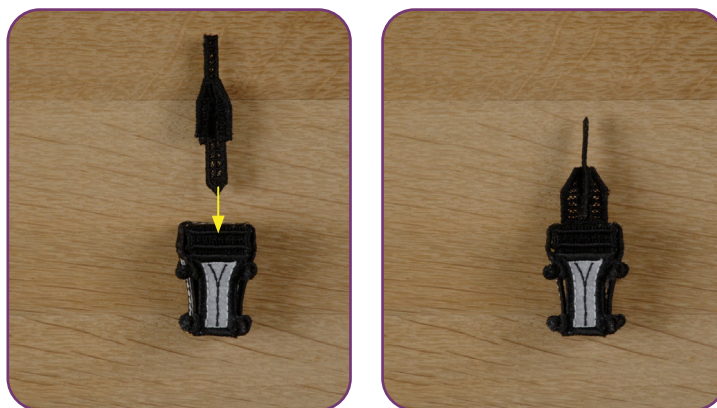
## Step 41

- Complete the Summit Topper FSL (12971-14) by interlocking the slotted ends.



## Step 39

- Insert the tab of the Summit Topper FSL (12971-14) into the tab entry of the Summit FSA (12971-13).

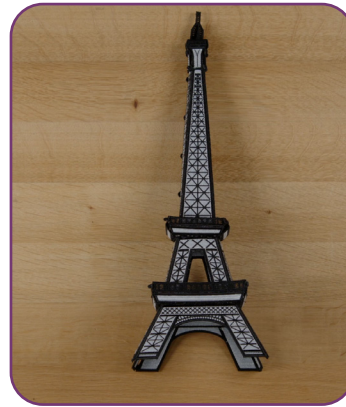
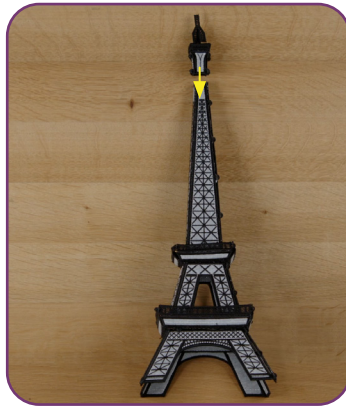




# ASSEMBLY

## □ Step 40

- Place the assembled tower summit on to the top of the tower.



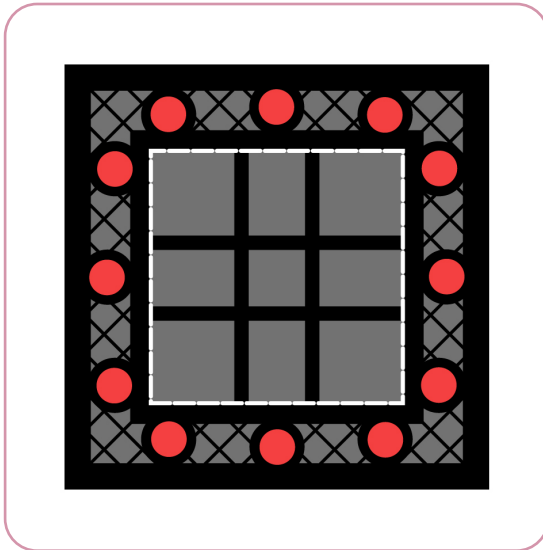
## □ Step 41

- The project is complete. Enjoy!

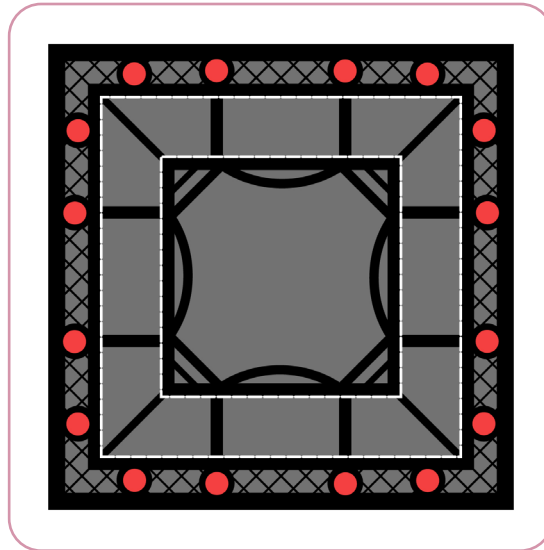


# PUNCH TOOL GUIDES

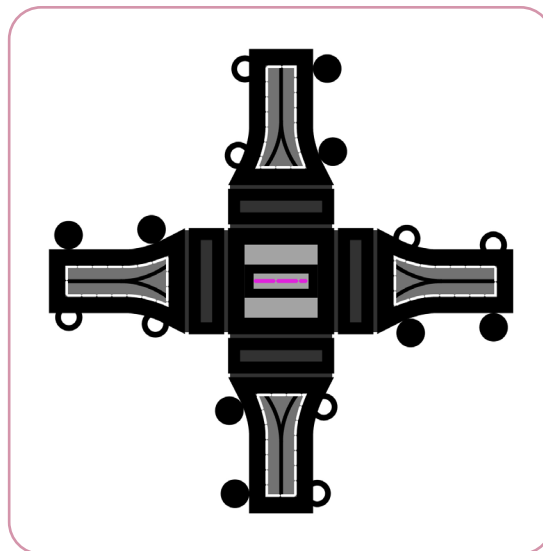
12971-04



12971-08



12971-13



● = 2 MM

● = 3 MM

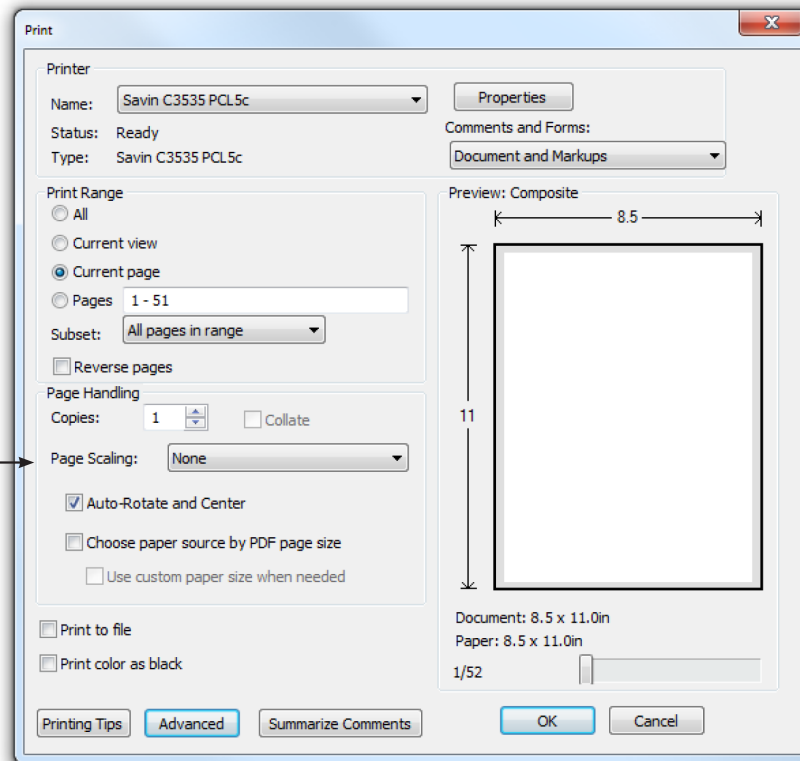
● = 4 MM

CRAFT KNIFE



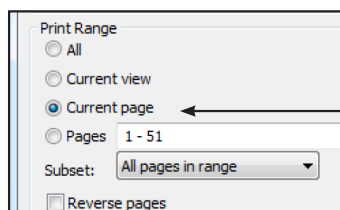
## ATTENTION

When printing this document, any page scaling or page fitting options in your print dialog box must be turned OFF or set to NONE so that your files will print out at their actual size. Images not printed at actual size will not function as intended.

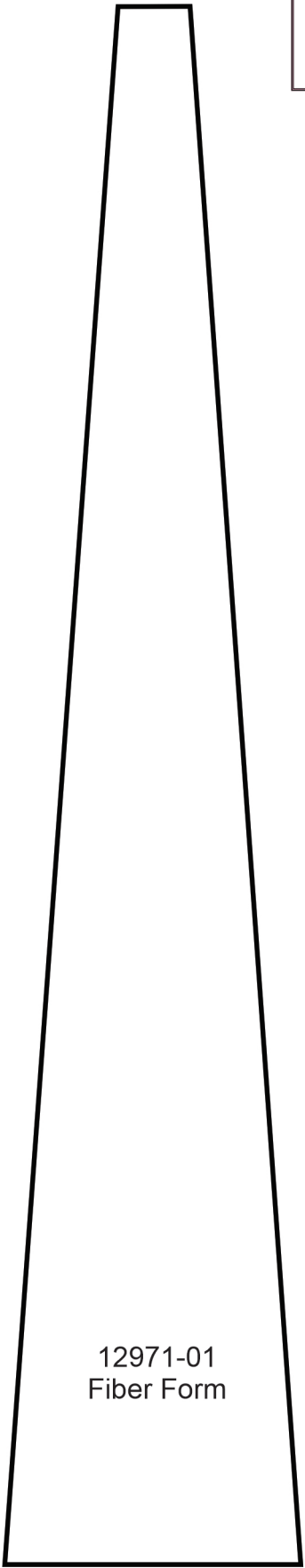


## TO SAVE PAPER

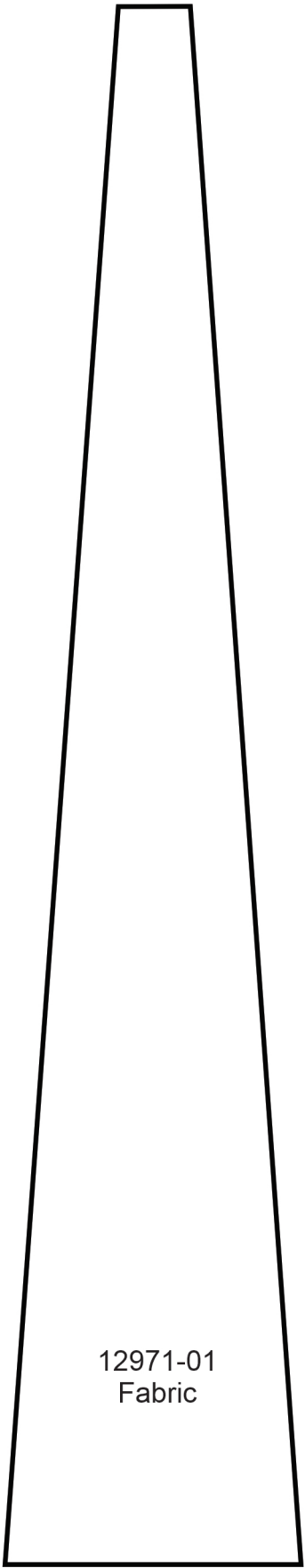
Only print the desired image by navigating to the image's page, go to File > Print and select "Current page" in the print dialog box. Repeat for each desired image.



Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



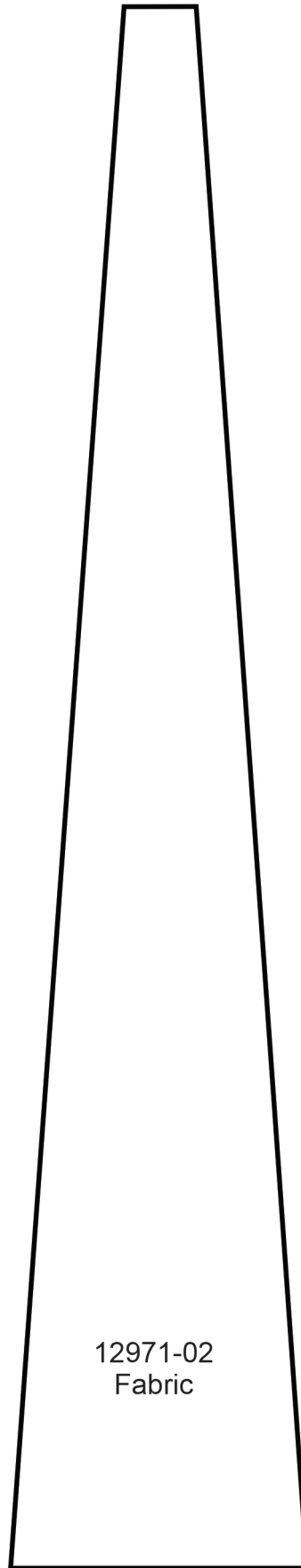
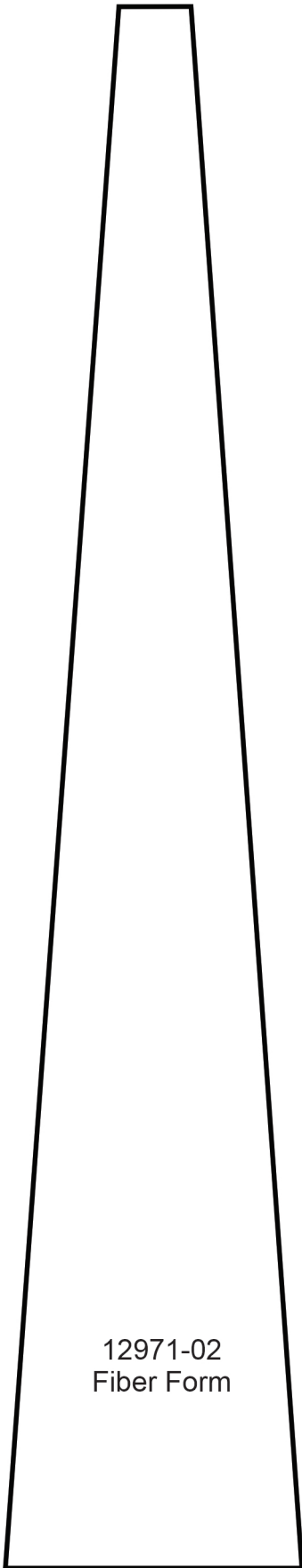
12971-01  
Fiber Form



12971-01  
Fabric

# APPLIQUE PATTERNS



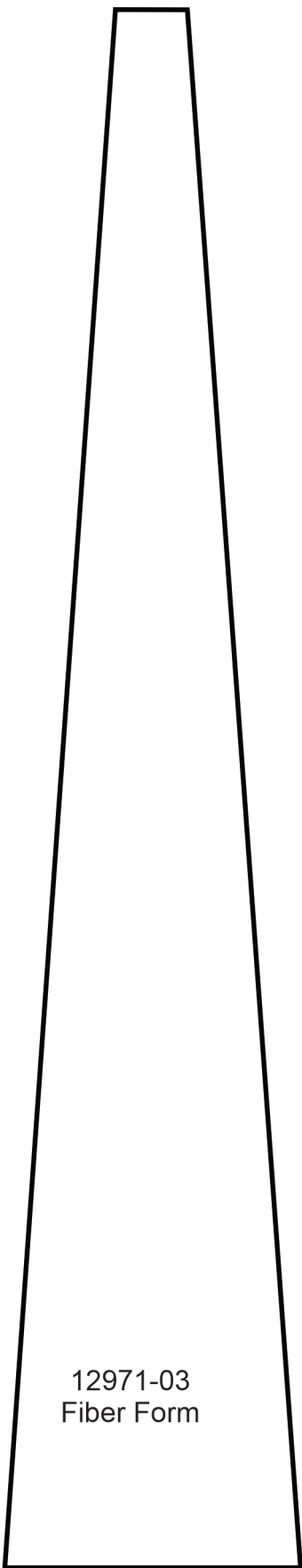


Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.

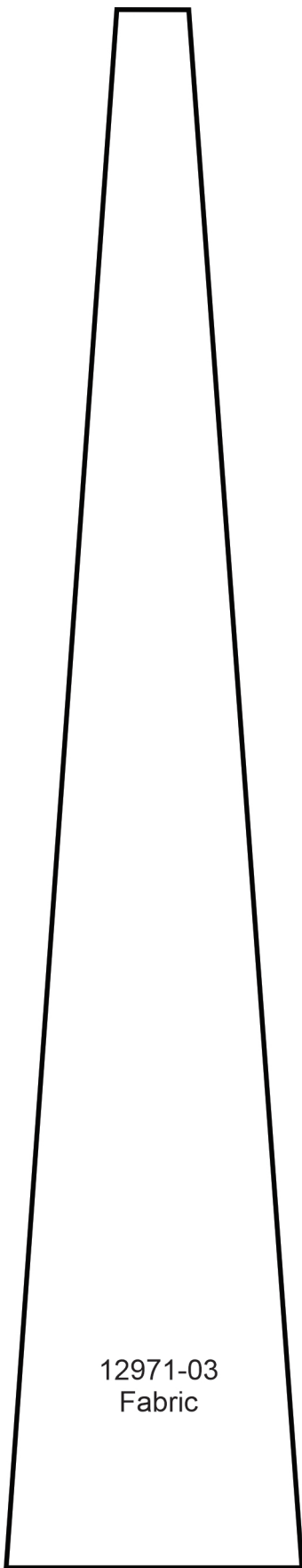
# APPLIQUE PATTERNS



Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



12971-03  
Fiber Form

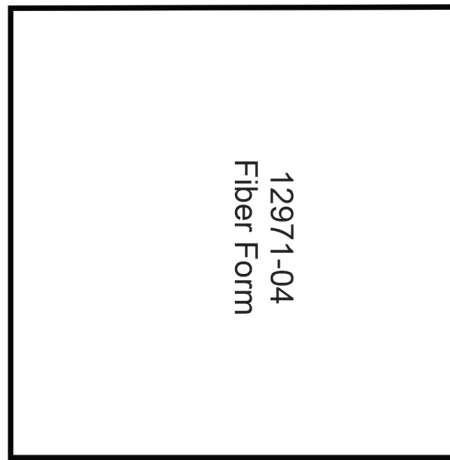
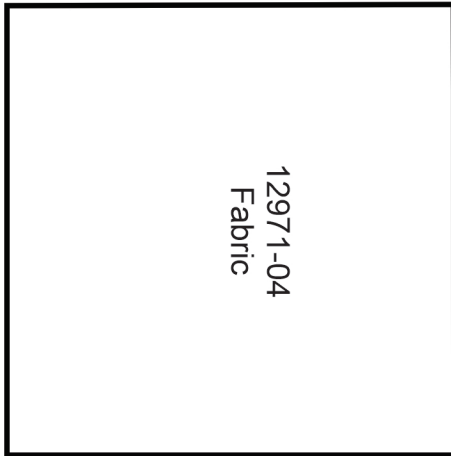


12971-03  
Fabric

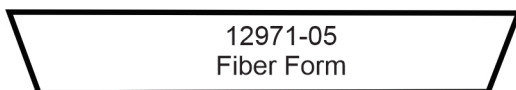
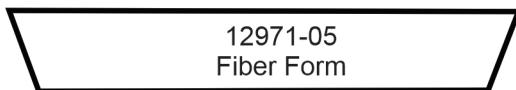
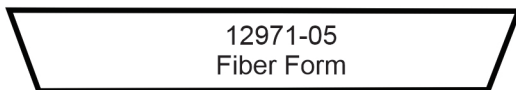
# APPLIQUE PATTERNS

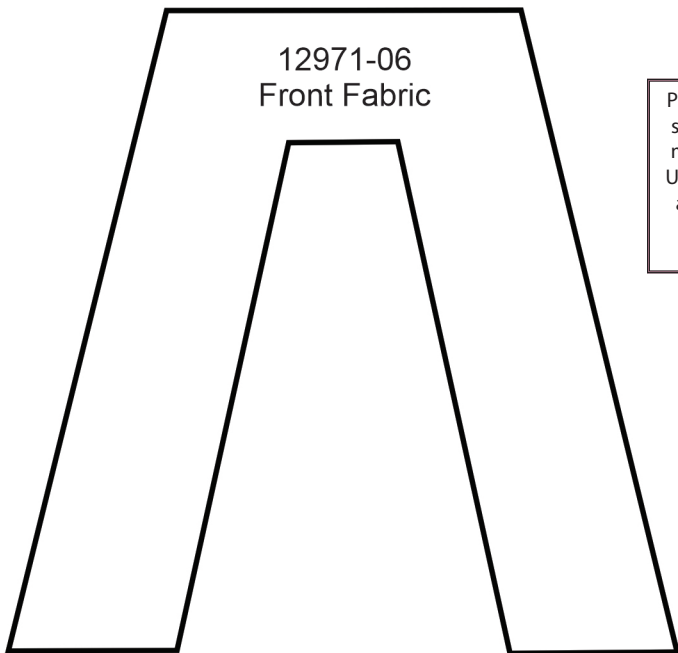
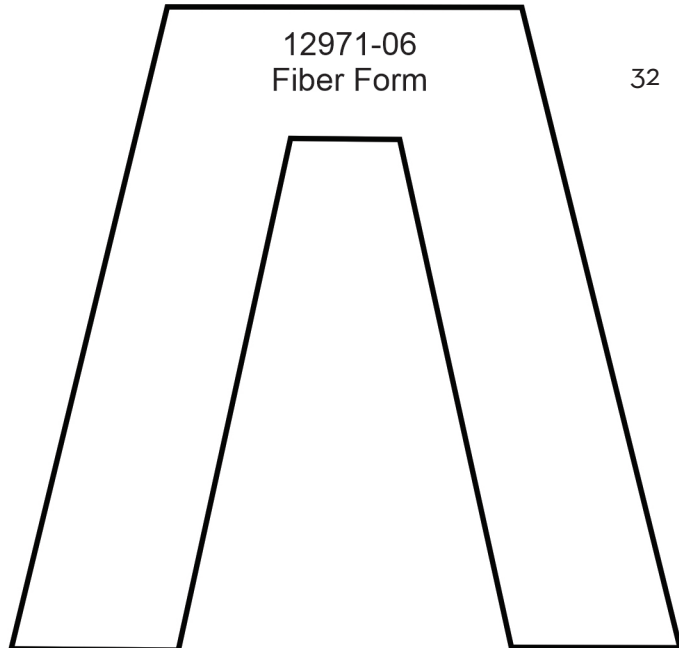
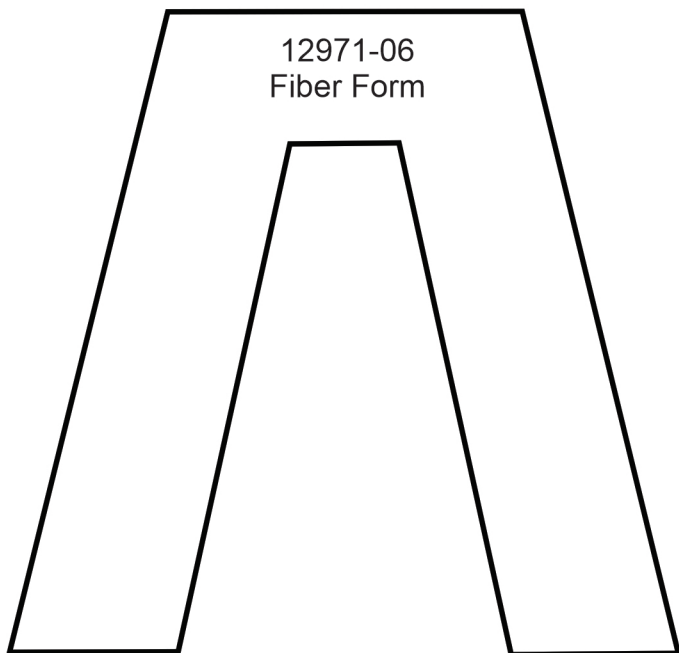


# APPLIQUE PATTERNS

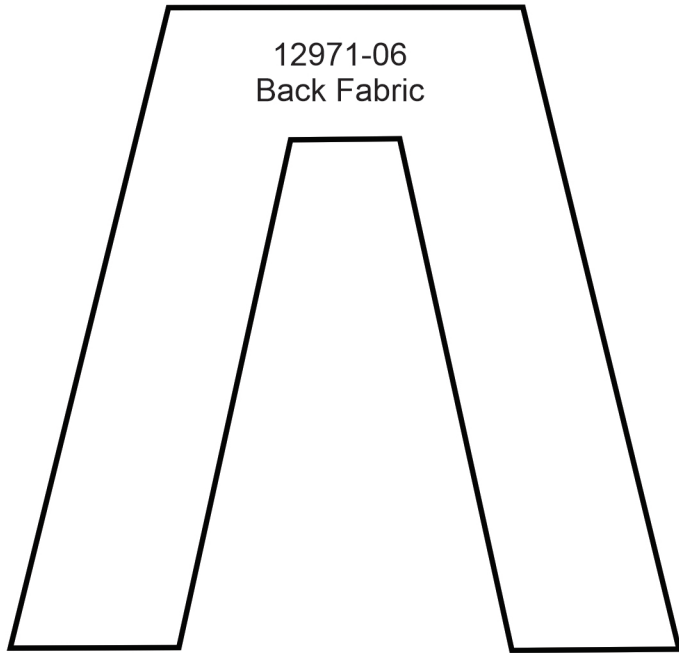
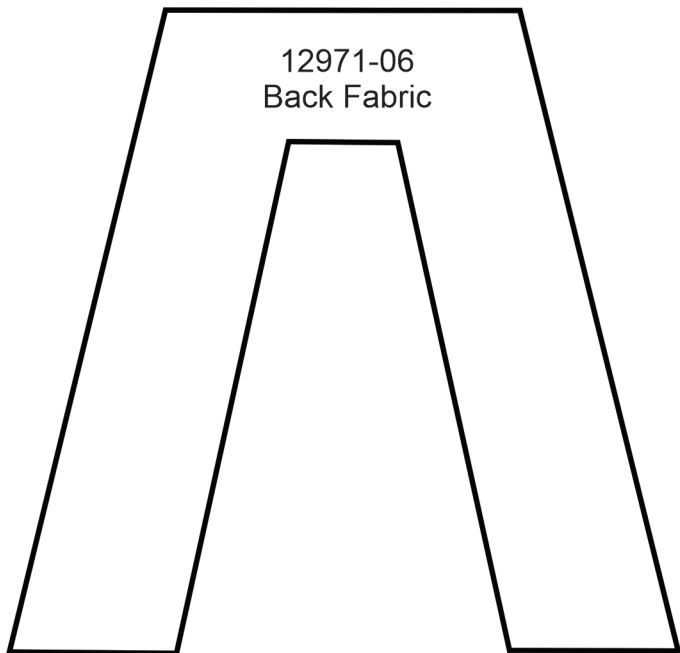
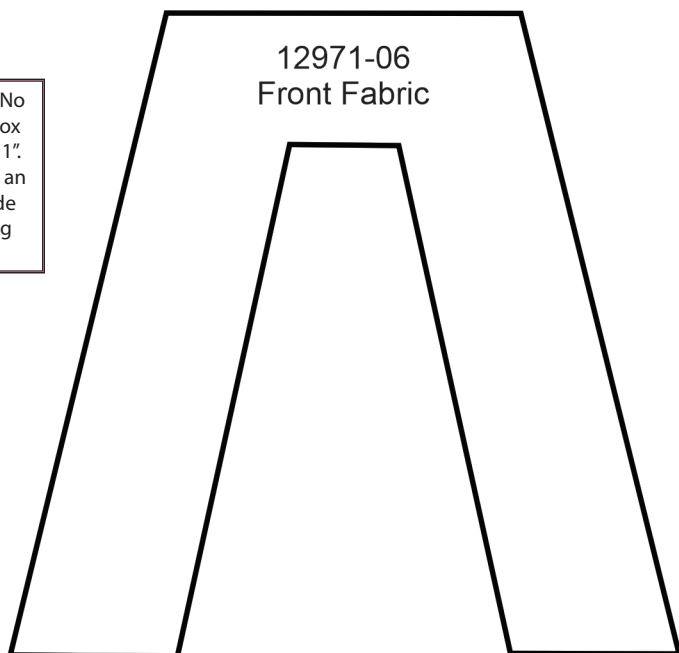


Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



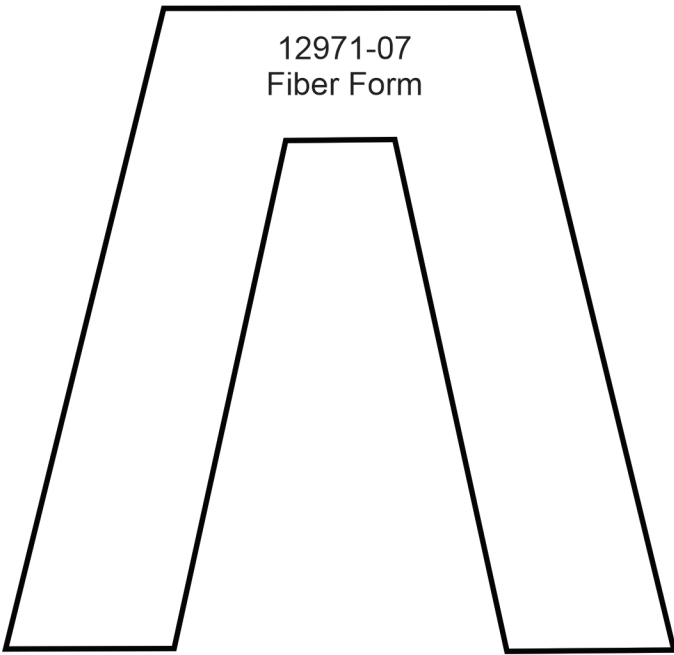


Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.

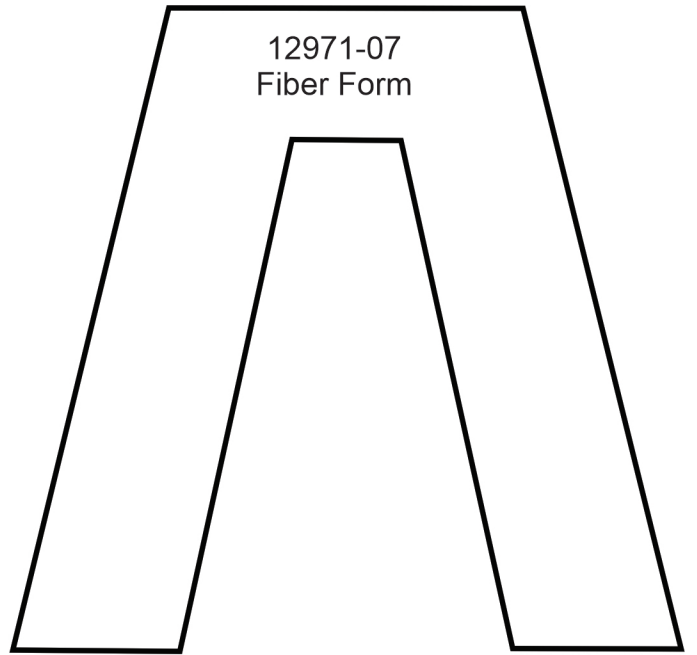




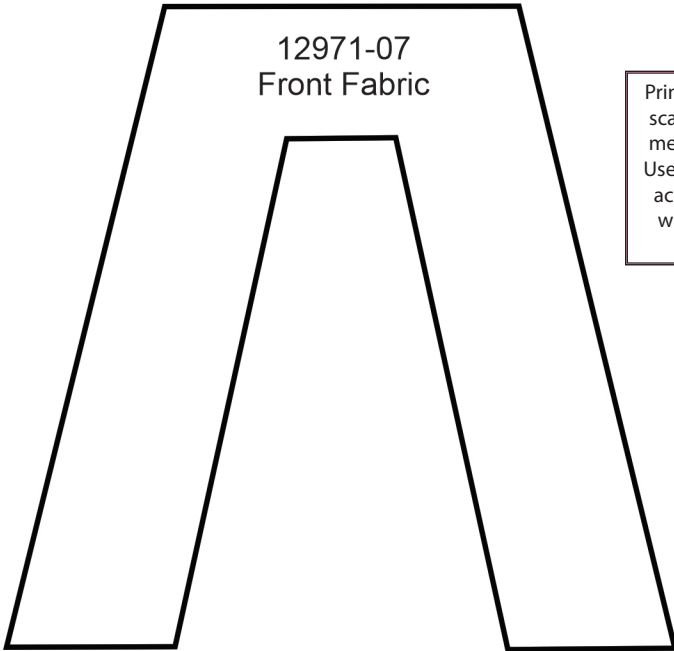
12971-07  
Fiber Form



12971-07  
Fiber Form

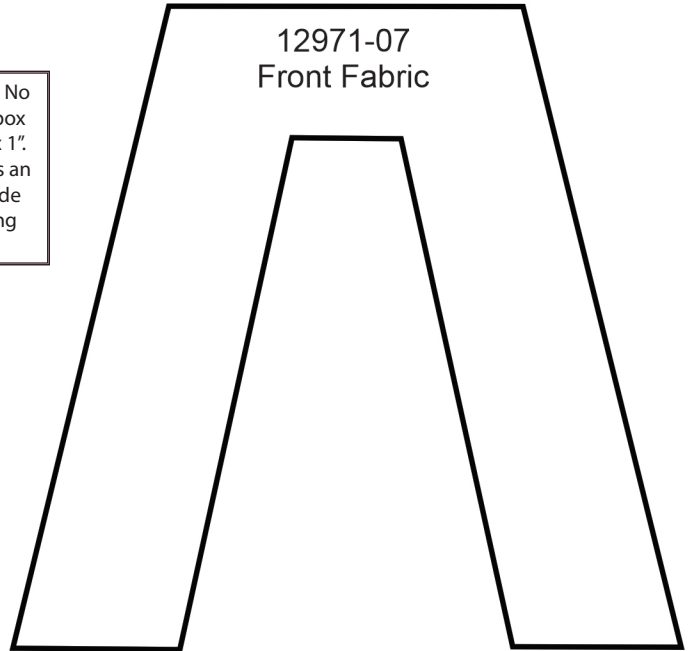


12971-07  
Front Fabric

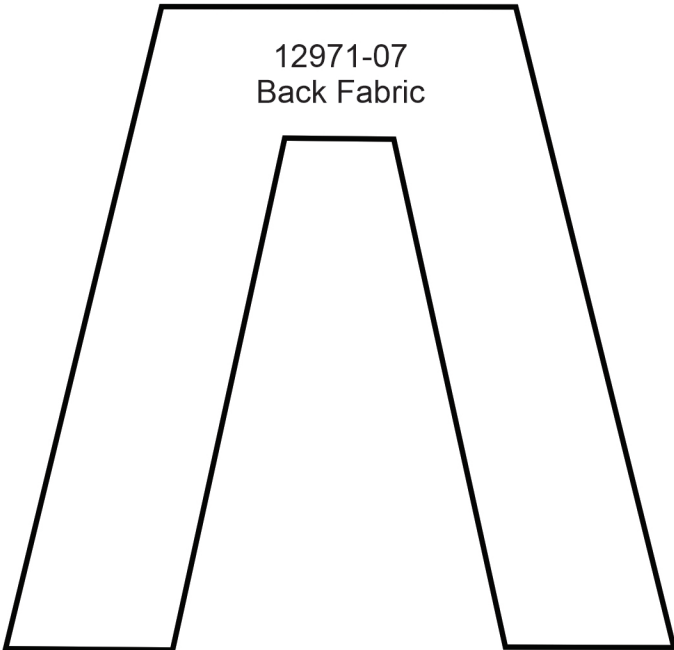


Print at 100%. No  
scaling. This box  
measures 1" x 1".  
Use the box as an  
accuracy guide  
when printing  
templates.

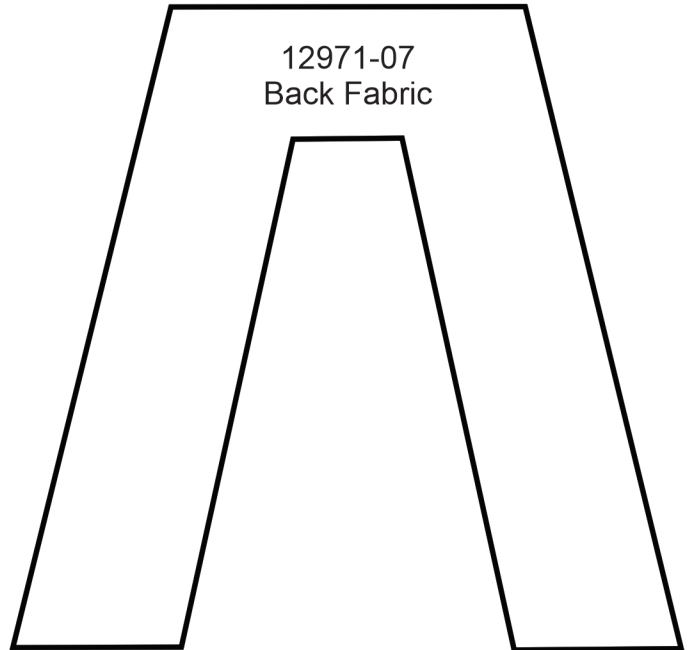
12971-07  
Front Fabric



12971-07  
Back Fabric



12971-07  
Back Fabric



# APPLIQUE PATTERNS

oeSD™ PREMIER COLLECTION



Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.

12971-08  
Fiber Form

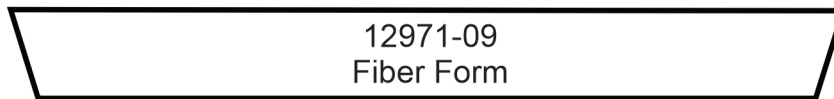
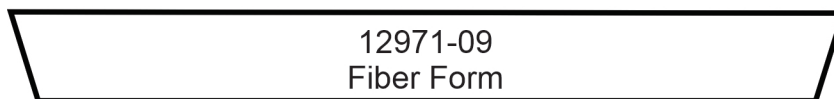
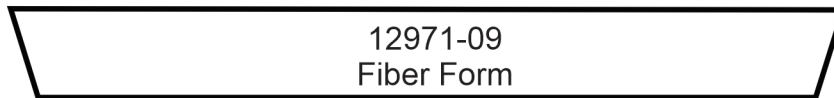
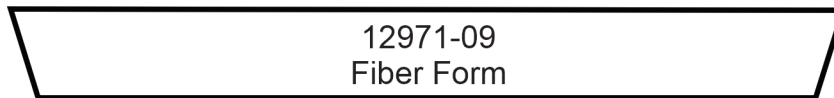
12971-08  
Fabric

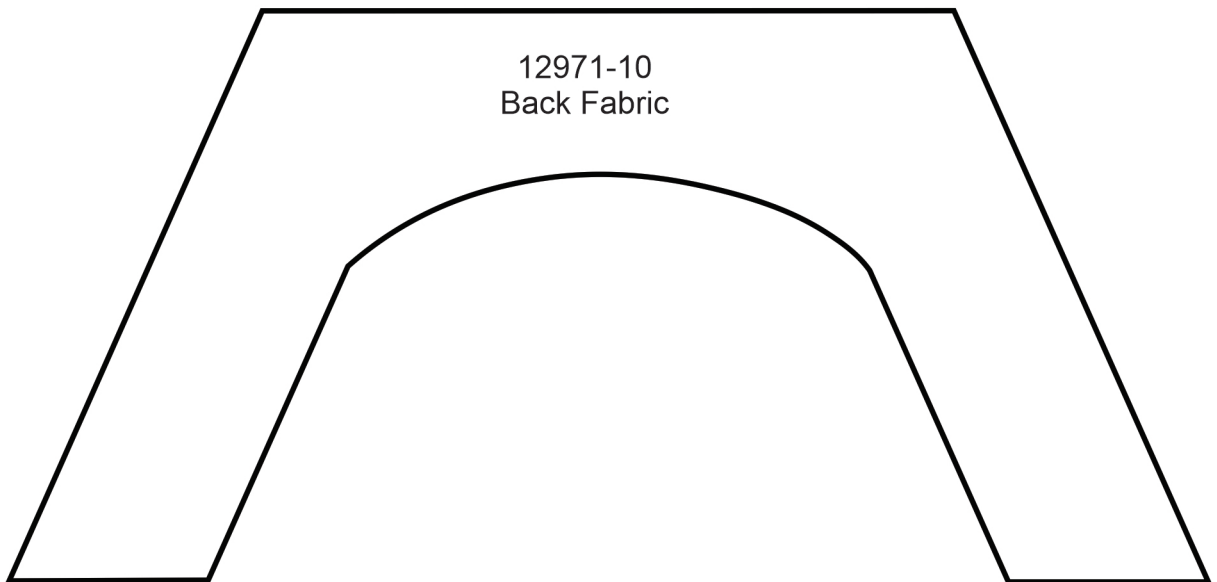
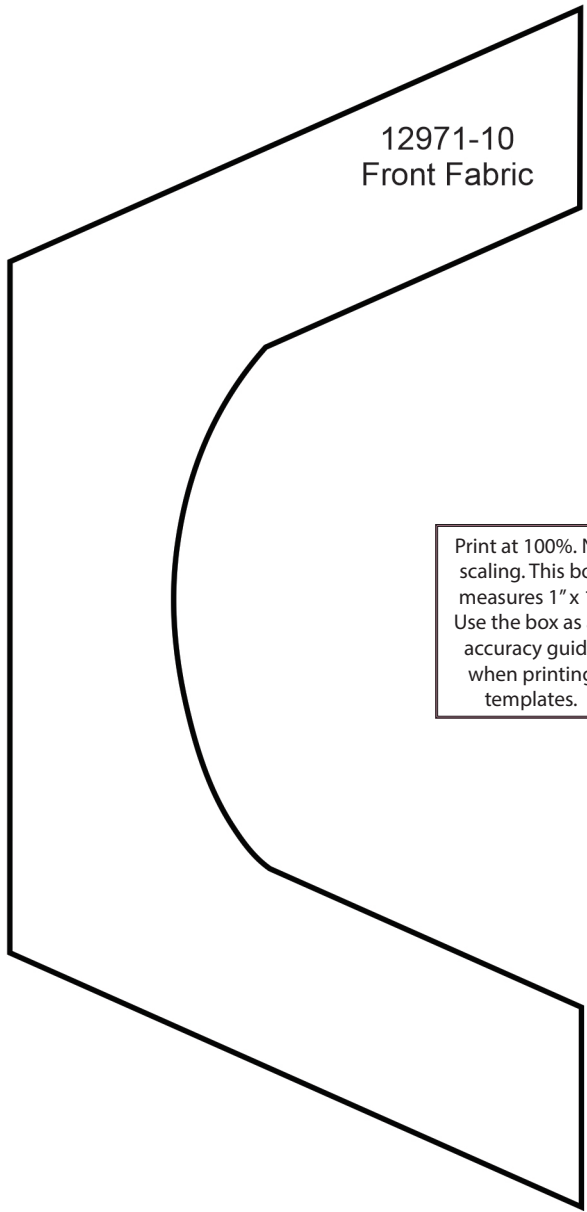
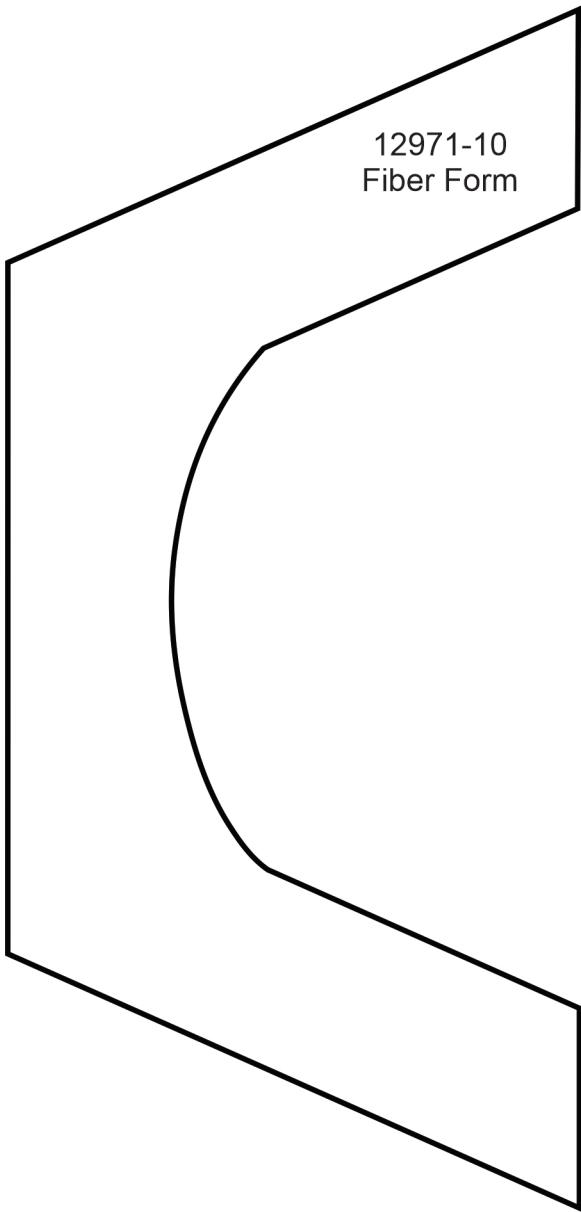
# APPLIQUE PATTERNS

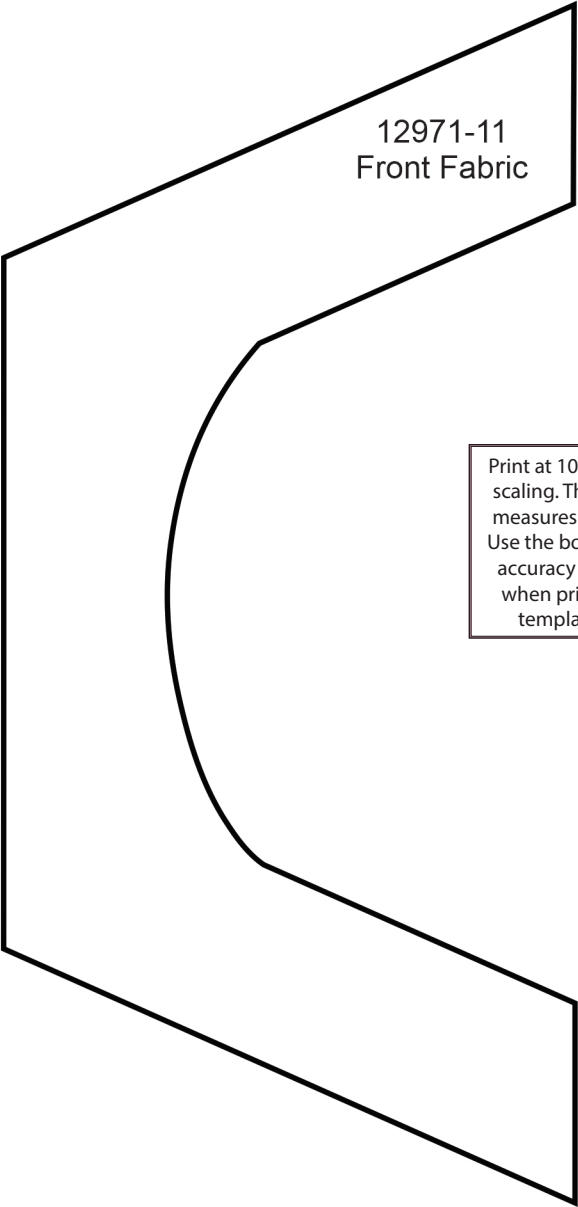
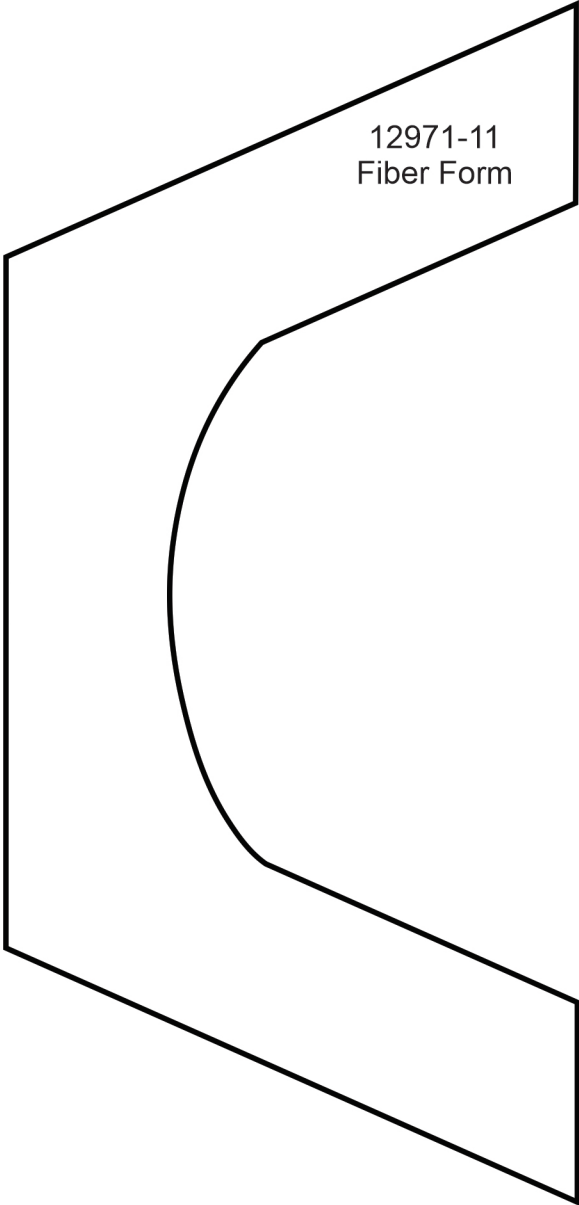
oeSD™ PREMIER COLLECTION



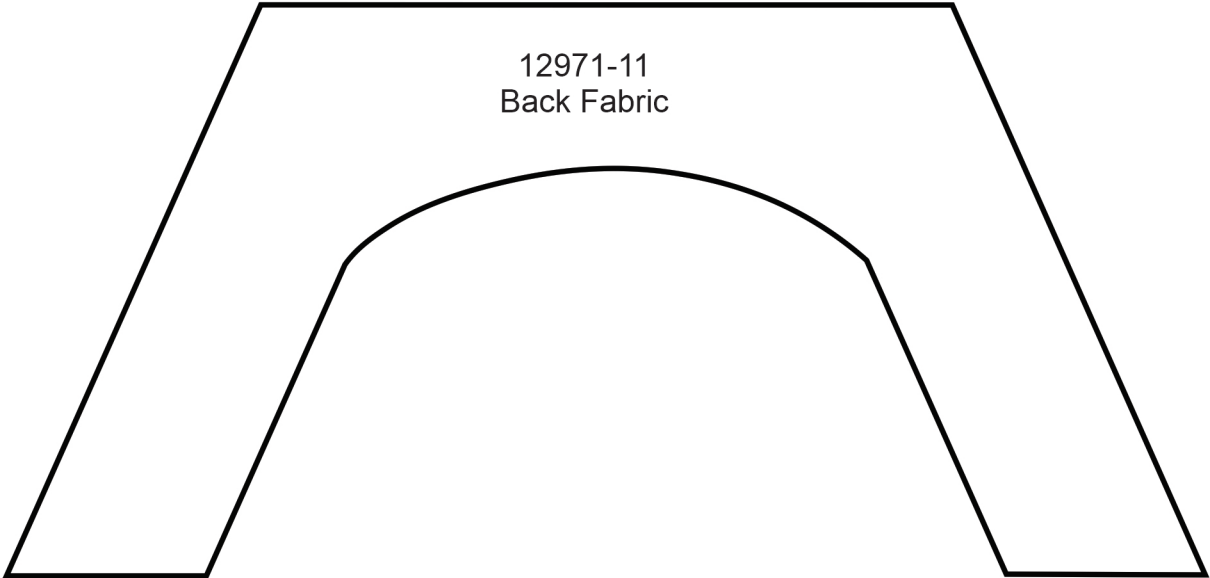
Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



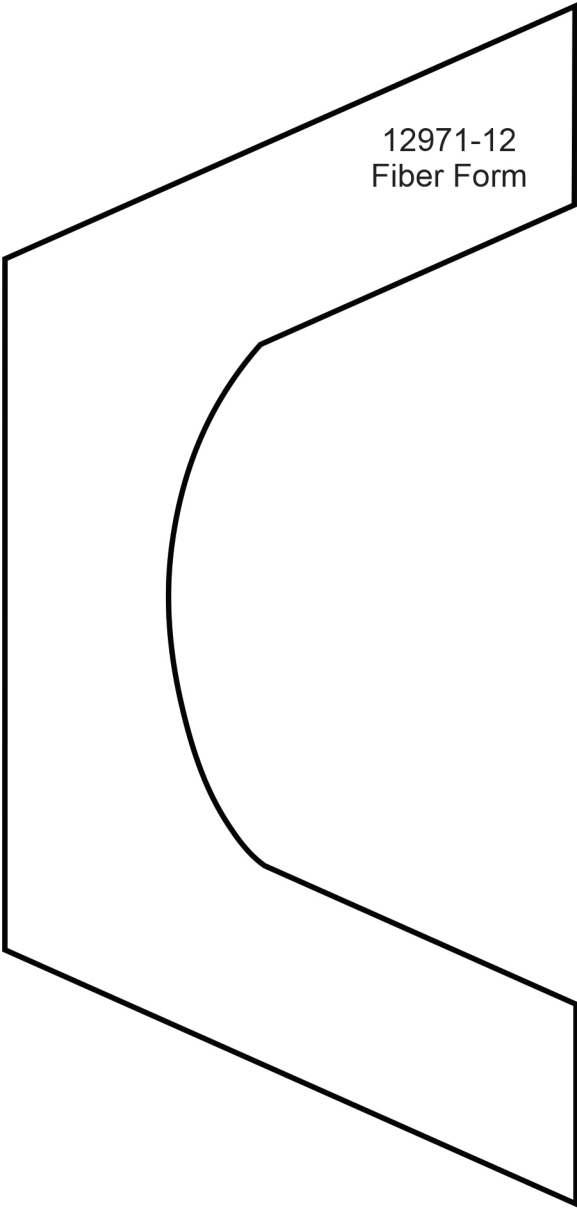




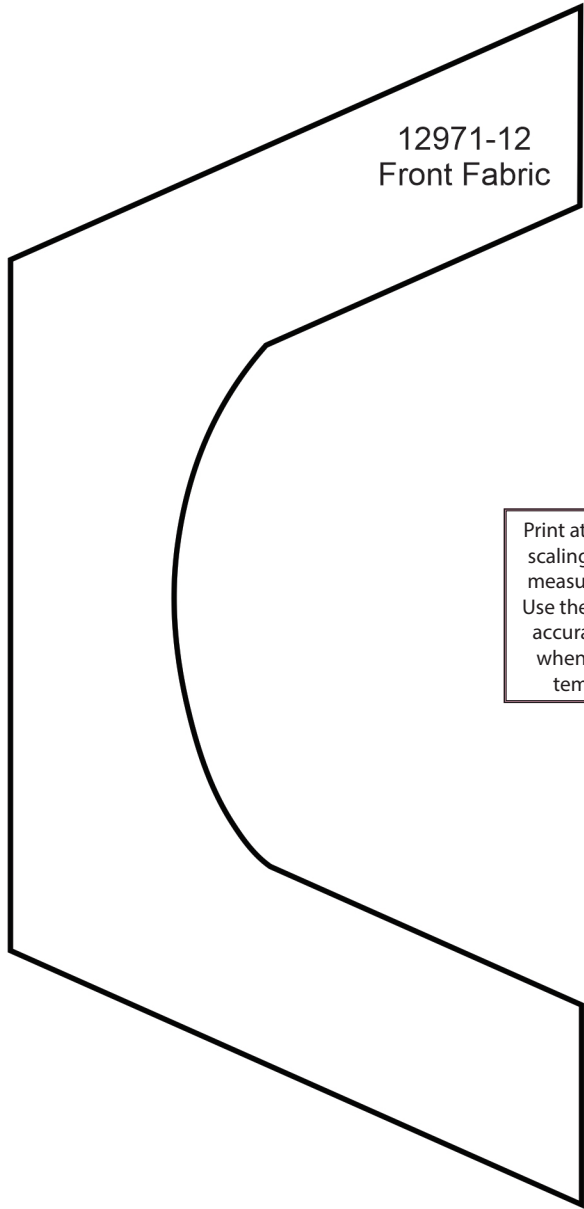
Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



12971-12  
Fiber Form

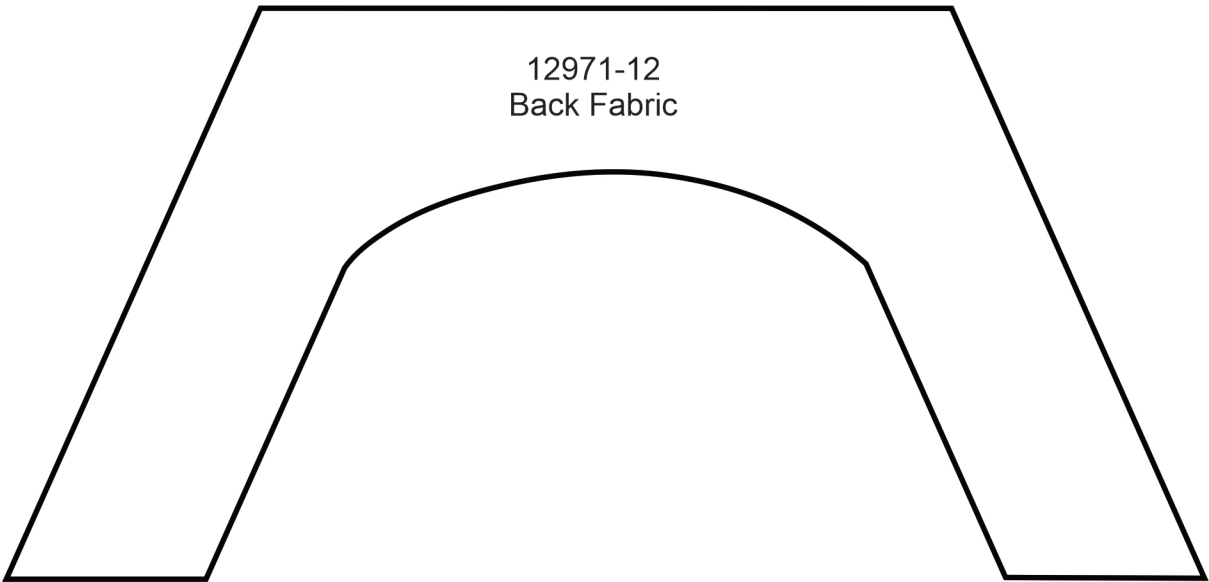


12971-12  
Front Fabric



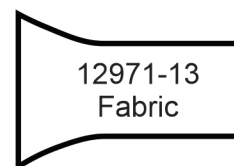
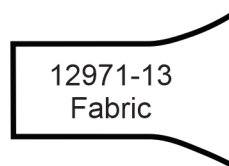
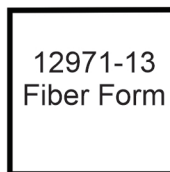
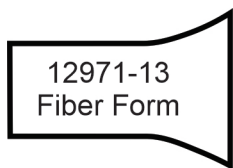
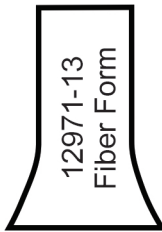
Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.

12971-12  
Back Fabric

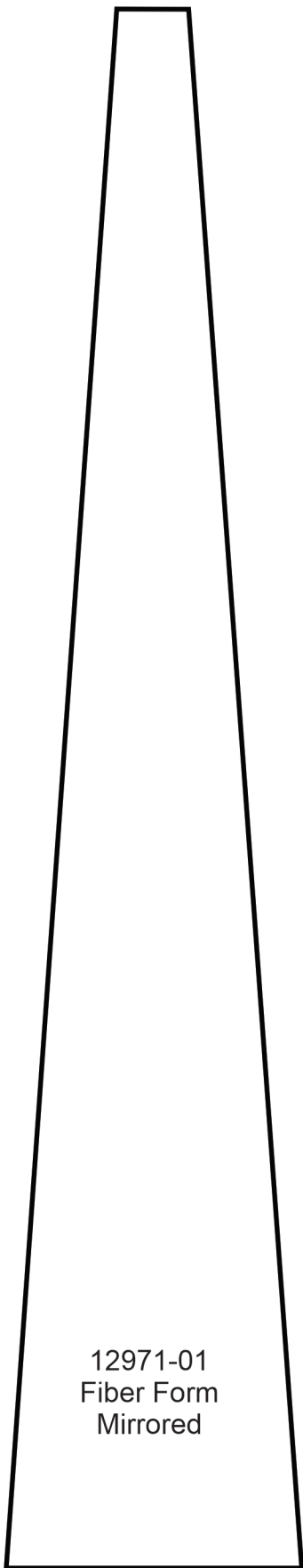
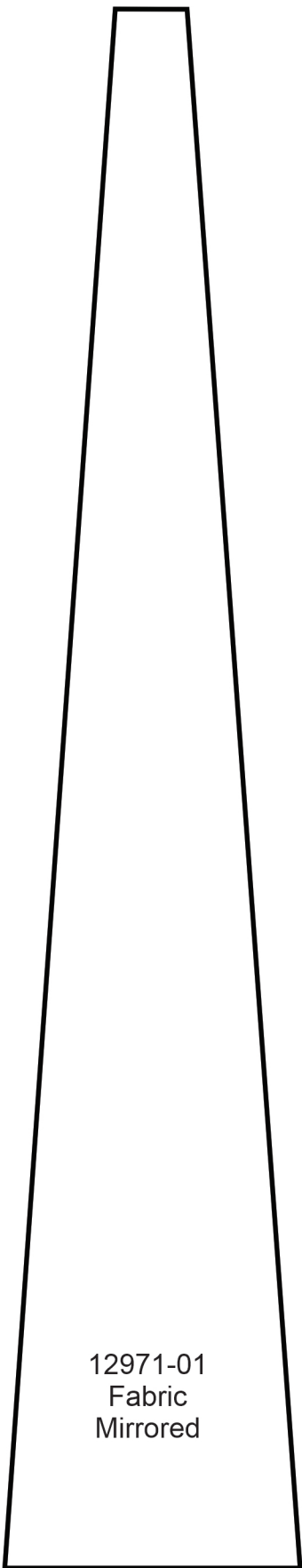


# APPLIQUE PATTERNS

Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



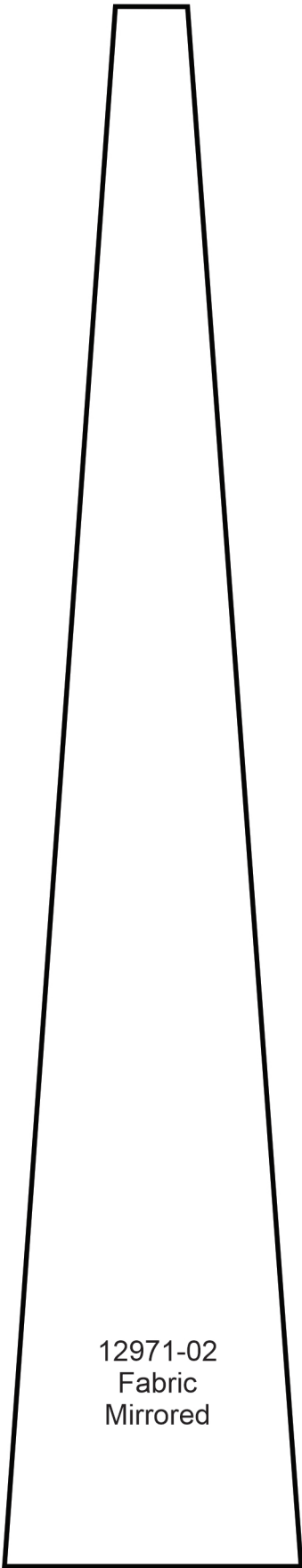
Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



# MIRRORED PATTERNS

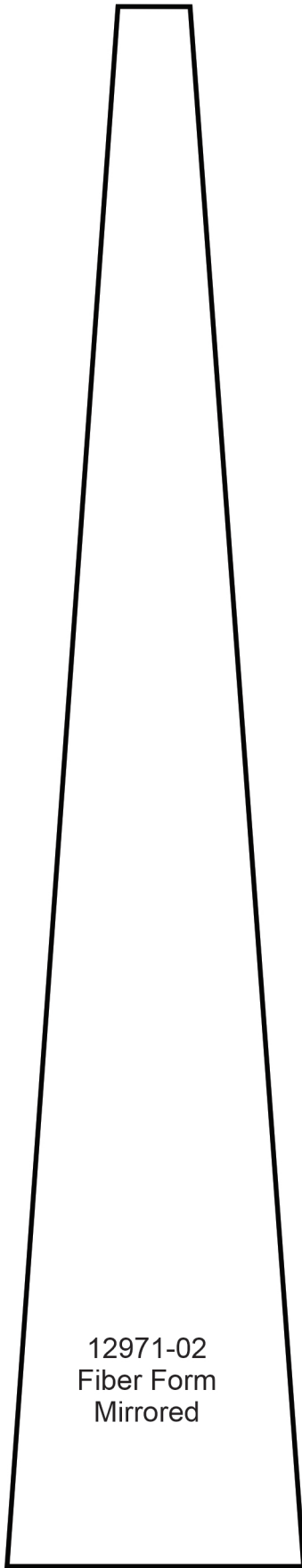






12971-02  
Fabric  
Mirrored

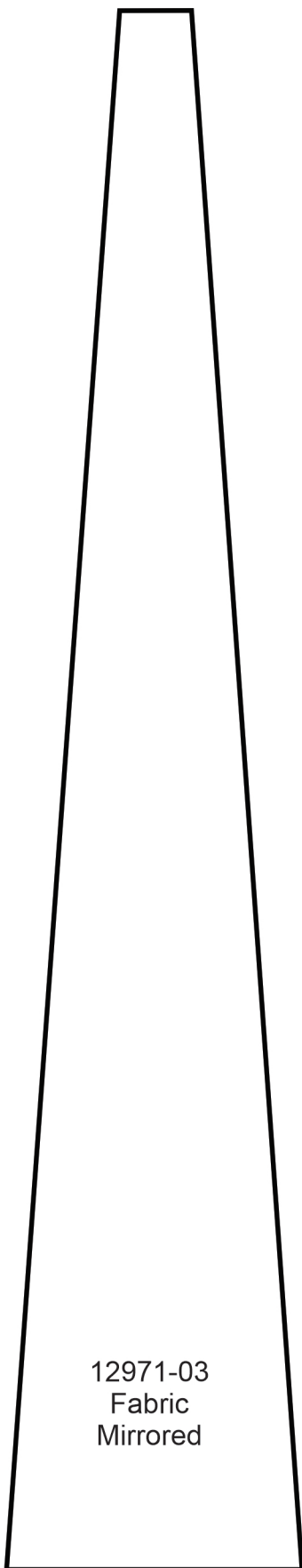
Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



12971-02  
Fiber Form  
Mirrored

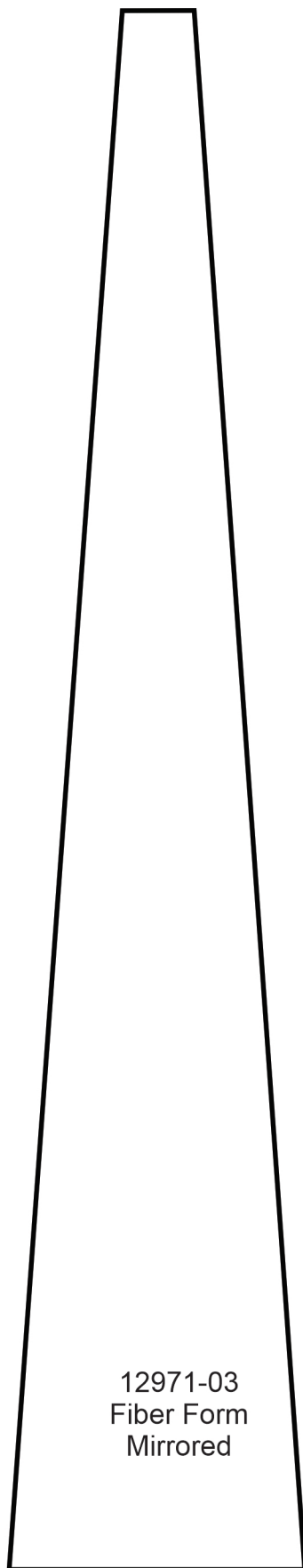
# MIRRORED PATTERNS





12971-03  
Fabric  
Mirrored

Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



12971-03  
Fiber Form  
Mirrored

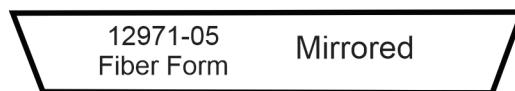
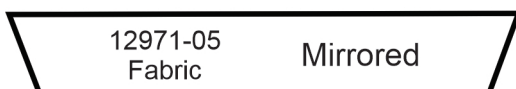
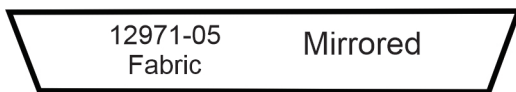
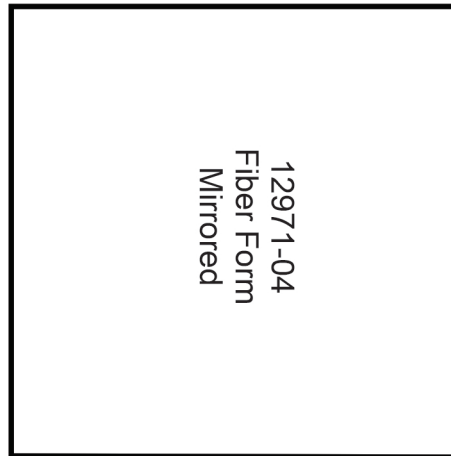
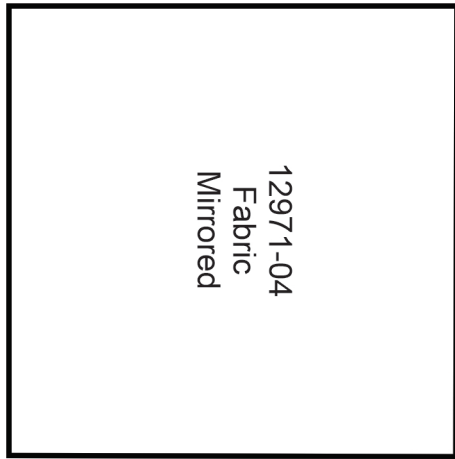
# MIRRORED PATTERNS

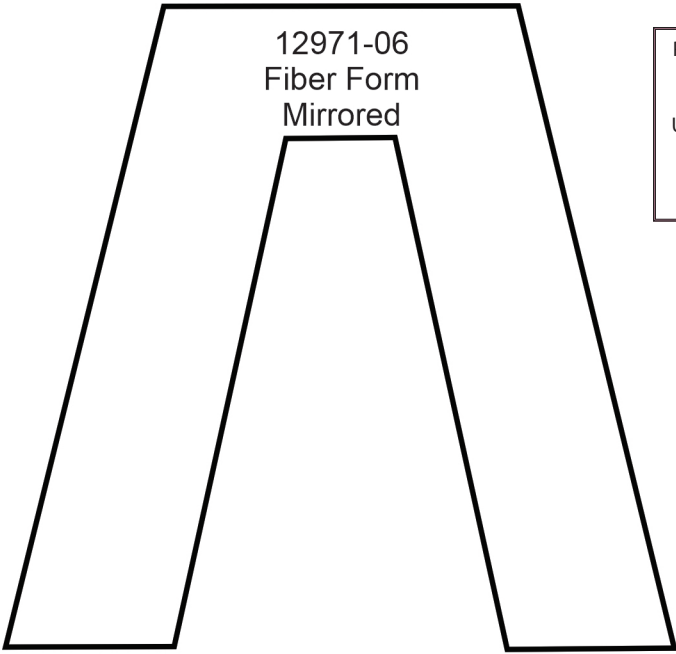


# MIRRORED PATTERNS

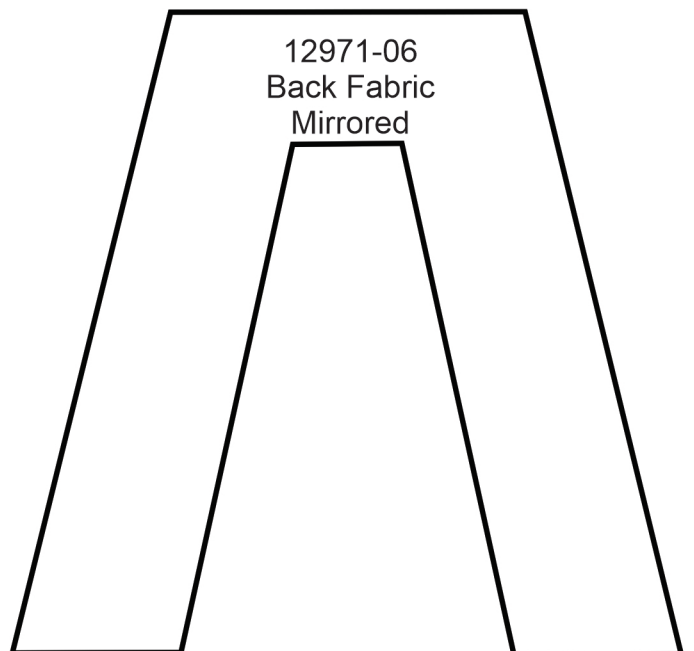
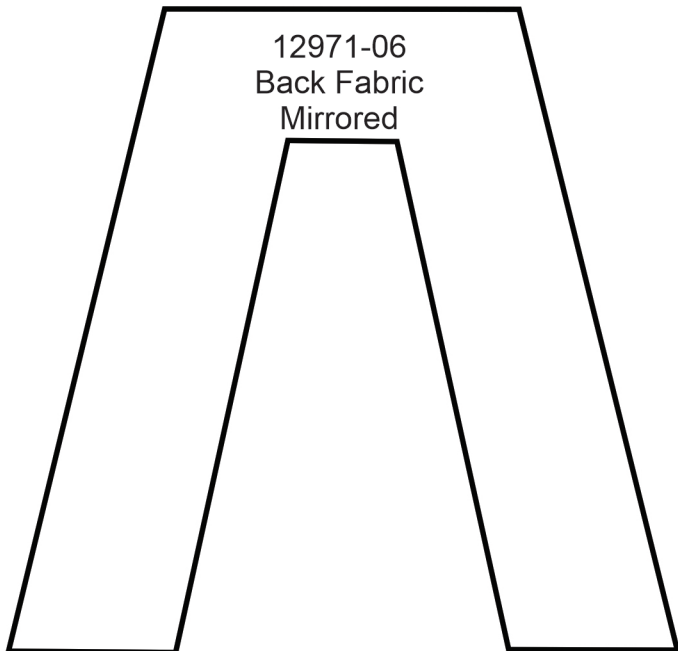
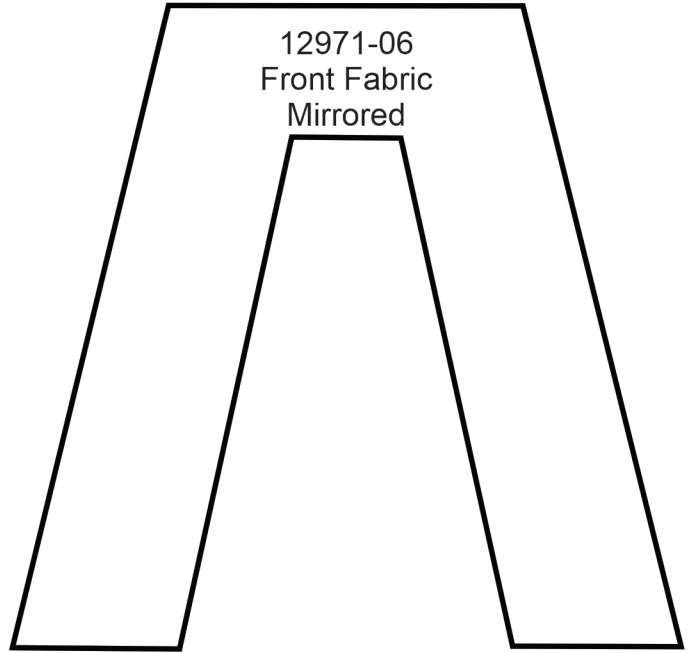
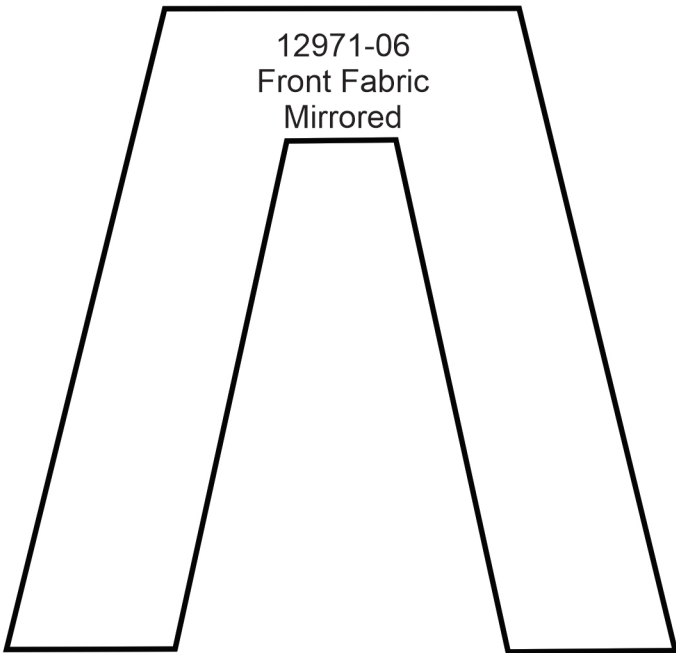
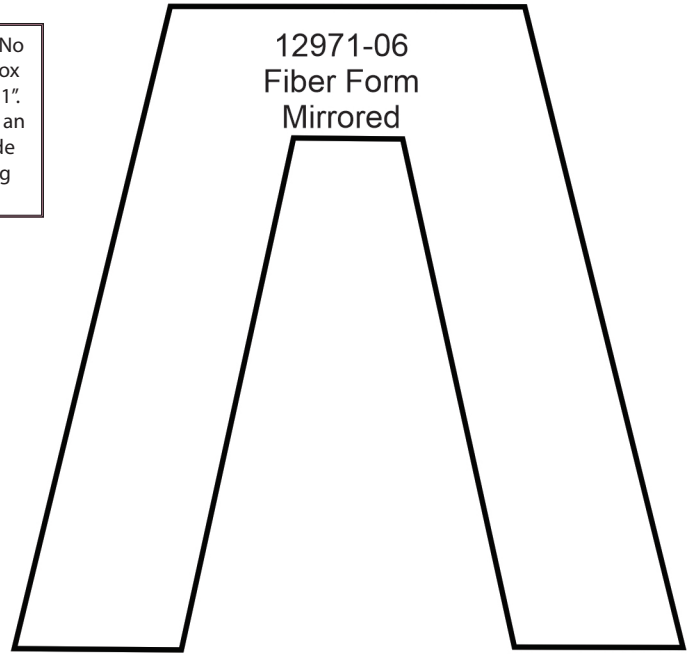


Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.





Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.



12971-07  
Fiber Form  
Mirrored

Print at 100%. No  
scaling. This box  
measures 1" x 1".  
Use the box as an  
accuracy guide  
when printing  
templates.

45

12971-07  
Fiber Form  
Mirrored

12971-07  
Front Fabric  
Mirrored

12971-07  
Front Fabric  
Mirrored

12971-07  
Back Fabric  
Mirrored

12971-07  
Back Fabric  
Mirrored

# MIRRORED PATTERNS

oeSD™ PREMIER COLLECTION



Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.

12971-08  
Fiber Form  
Mirrored

12971-08  
Fabric  
Mirrored

# MIRRORED PATTERNS



Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.

12971-09  
Fiber Form                      Mirrored

12971-09  
Fabric                              Mirrored

12971-09  
Fiber Form                      Mirrored

12971-09  
Fabric                              Mirrored

12971-09  
Fiber Form                      Mirrored

12971-09  
Fabric                              Mirrored

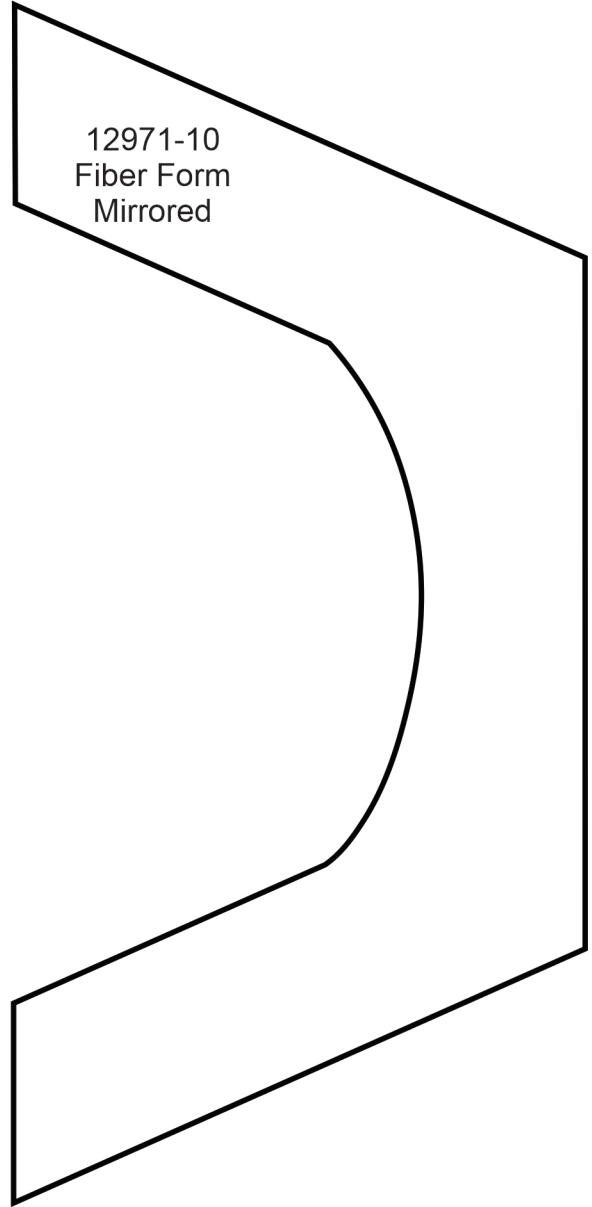
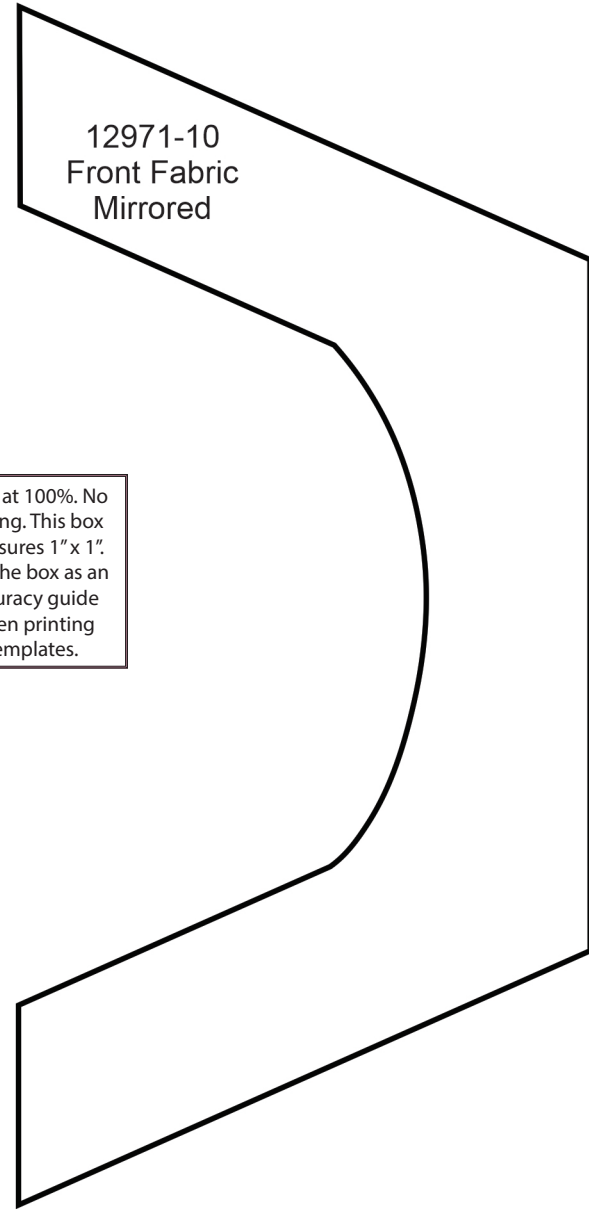
12971-09  
Fiber Form                      Mirrored

12971-09  
Fabric                              Mirrored

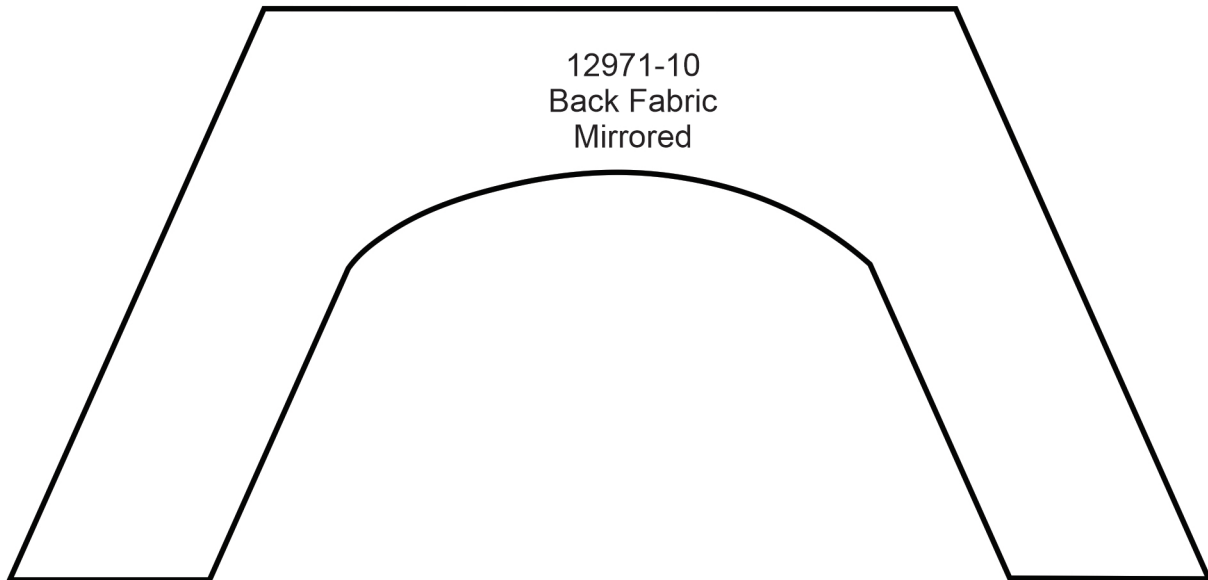
12971-10  
Front Fabric  
Mirrored

12971-10  
Fiber Form  
Mirrored

Print at 100%. No  
scaling. This box  
measures 1" x 1".  
Use the box as an  
accuracy guide  
when printing  
templates.



12971-10  
Back Fabric  
Mirrored





12971-11  
Front Fabric  
Mirrored

12971-11  
Fiber Form  
Mirrored

Print at 100%. No  
scaling. This box  
measures 1" x 1".  
Use the box as an  
accuracy guide  
when printing  
templates.

12971-11  
Back Fabric  
Mirrored

12971-12  
Front Fabric  
Mirrored

12971-12  
Fiber Form  
Mirrored

Print at 100%. No  
scaling. This box  
measures 1" x 1".  
Use the box as an  
accuracy guide  
when printing  
templates.

12971-12  
Back Fabric  
Mirrored

# MIRRORED PATTERNS

Print at 100%. No scaling. This box measures 1" x 1". Use the box as an accuracy guide when printing templates.

