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Cut out squares of mask fabric

3 Fabric Squares: 9” x 9” Each

Variation: 2 Fabrics Squares

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Sew Mask Layers Together

Sew Layers Together
(~1/4” Allowance)

Leave gap (~ 2 inches) to turn inside out.

Trim excess material before turning inside out.

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Fold Top ¾” Down To Enclose Nose Piece

Flexible Nose Piece
(Coffee Tin Tie)

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MakerMask: Origami (Version 0.2)
Jocelyn E. Songer, cc 3.0
Makermask.org
August 20, 2020
Stitch Nose Piece and Attachment Loops in Place

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Add Two “Waterfall Pleats” – Each $\frac{3}{4}''$

Variation: Add Single $\frac{3}{4}''$ Pleat

Pleat Measurements

<table>
<thead>
<tr>
<th>Pleat Measurement</th>
<th>Pleat 1</th>
<th>Pleat 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\frac{3}{4}'''$</td>
<td>$\frac{3}{4}'''$</td>
<td>$\frac{3}{4}'''$</td>
</tr>
<tr>
<td>$1\frac{3}{4}'''$</td>
<td>$1\frac{3}{4}'''$</td>
<td>$2\frac{1}{2}'''$</td>
</tr>
</tbody>
</table>

Dimensions Before Pleats: 7 $\frac{3}{4}'''$ x 8 $\frac{1}{2}'''$

Dimensions After Pleats: 4 $\frac{3}{4}'''$ x 8 $\frac{1}{2}'''$

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Origami Folding:
Fold the bottom 2 ½” under

Fold Bottom Under
(to the back)

Fold Under

Front

Fold Under

Dimensions Before Fold: 4 ¾” x 8 ½”

Dimensions After Fold: 2 ¾” x 8 ½”

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Makermask.org
August 20, 2020
Origami Folding:
Turn Over

Turn over so the back is facing up.

Back

Dimensions After Fold: 2 ½” x 8 ½”
Origami Folding:
Fold ¾” Down to Create “Trim”
Origami Folding:
Fold Bottom Corners Up and Tuck Under Trim

Fold Up (shown without trim for better illustration of fold)

Folded Up and Tucked Under Trim

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MakerMask: Origami (Version 0.2)
Jocelyn E. Songer, cc 3.0
Makermask.org
August 20, 2020
Origami Folding:
Expand into 3-D Shape

Open up mask (Separate top edge from bottom edge by pushing in the sides)

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MakerMask: Origami (Version 0.2)
Jocelyn E. Songer, cc 3.0
Makermask.org
August 20, 2020
Origami Folding:
Sew Bottom Trim in Place Securing the 3-D Shape
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Expand Pleats and Enjoy!

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See MakerMask.org for More Information

Large
9” x 9” Square Start

Small
8” x 8” Square Start

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