

## Controlled Exposure

### Habitat hat pattern CE25

Sewing skill: Level- moderate

Habitat Hat - CE25 - Separate shell hat with fleece liner. Wear together for full protection or separate to help moderate your temperature.

The goals driving this hat design are functionality and versatility. Functional because it seals out the weather but converts for more pleasant conditions, versatile because there are so many ways to wear it.

**View A** consists of a separate Shell Hat and Fleece Liner. They are worn together for full protection. You can flip up one or both sets of ear flaps to cool down. The Fleece Liner worn alone fits under helmets or hoods and provides streamline insulation when you also need maximum breathability.

**View B** is a one-piece, Insulated Shell Hat that is made with a heavier fleece lining. For those wanting a straightforward, warm hat without keeping track of components.

Sizing Hat Size	Measure Head Circumference			
	Inches	<i>(will fit)</i>	cm	<i>(will fit)</i>
<b>XS</b>	20	18 - 20- 1/4	50. 8	45 - 51
<b>S</b>	21	19 - 21- 1/4	53. 4	48 - 54
<b>M</b>	22	20 - 22- 1/4	55. 9	51 - 56
<b>L</b>	23	21 - 23- 1/4	58. 4	53 - 59
<b>XL</b>	24	22 - 24- 1/4	61	56 - 62

### Fabric Suggestion

Shell Hat: Waterproof or Water Resistant Woven Fabric

Shell Hat Lining: Mesh or Wicking fabric

Fleece Helmet (view A): Polarfleece 100, 200, 300

Trim Fabric (view A): Nylon Lycra

### Material Required

The Bill of the Habitat Hat is made of polyethylene that you're going to recycle. Large, round plastic jugs like vinegar or bleach bottles are good sources.

Yardages are for 60" (150cm) wide fabrics and apply to all sizes		
	View A	View B
Shell	1/4 yd (.23 m)	1/4 yd (.23 m)
Lining	1/4 yd (.23 m)	1/4 yd (.23 m)
Bill	piece of plastic	piece of plastic
Fleece Helmet	1/4 yd (.23 m)	
Lycra Trim	3" (8 cm) strip	
Notions		
1" Hook & Loop	6" (16 cm)	6" (16 cm)
3/4" Hook & Loop	3" (8 cm)	3" (8 cm)

3/4" Elastic	21" (54 cm)	21" (54 cm)
Drawstring	19" (49 cm)	19" (49 cm)
Toggle	1	1
<b><i>For Optional Clip Loops</i></b>		
3/4" Grosgrain Ribbon	9" (23 cm)	9" (23 cm)
1/8" Shock Cord or Stiff Round Cording	5" (13 cm)	5" (13 cm)