



BELT POD

LEARN TO SEW VINYL

A LEARNING pattern for beginner sewers



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The BELT POD pattern

Learn to sew Vinyl

This pattern has been designed to teach a sewing skill.

The instructions are more detailed than a traditional pattern to better guide you through sewing your first French seams.

As you progress through the pattern, the shape and construction method of the design introduces you to using interfacing, sewing zipper and binding, topstitching and using plastic snaps.

About the design

Intended to hold kids insulin pumps, the Belt Pod other potential uses. The pattern pieces are sized to fit 2 Pods on a single fat quarter of fabric. Additional fabric needed for the optional belt.

The seam allowance for this pattern (how far in from the raw edge your stitching needs to be) is 1cm.

Use a medium length stitch (3-3.5)

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FABRIC

TYPE

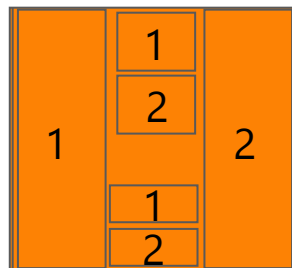
For the Belt Pod, a medium weight woven (non stretchy) fabric is recommended. Such as; Quilting cotton, homespun.

Heavier and lighter fabrics are not recommended; drill, denim, poplin, linen, lawn, muslin.

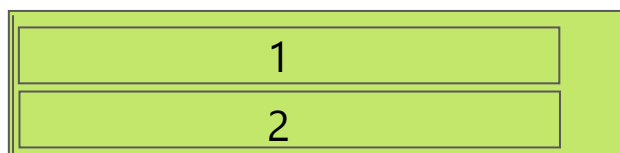
Note the 'visible section' of front flap on the pattern piece when cutting out to align any directional prints up the right way.

QUANTITY

A single pre-cut Fat Quarter (FQ's 48x52cm) can make 2 Pods.



Additional fabric is needed if also doing the fabric belt.



NOTE: Pattern piece A (largest) requires a medium weight fusible interfacing to be ironed onto the back of it. The interfacing should sit 1cm in from all edges.

CUT

Clear vinyl rectangle 12.5 x 11cm. Light-medium weight.

Sewing Vinyl

While there are different types of specialty feet on the market that can be used for sewing vinyl, a little paper masking tape can be used on a standard machine foot instead.

Vinyl sticks to the plastic/metal surface of a sewing machine making it hard for the feed dogs to pull the fabric and vinyl through when sewing. To combat this, the surface can be covered with paper to stop it from sticking.

Stick a small piece of masking tape to the bottom of the sewing machine's presser foot trimming any overhanging excess around the edges and through the centre opening.

Tape a piece of paper to the area around the feed dogs ensuring they are not covered.

This tape can be removed once finished sewing the vinyl. Use an alcohol based cleaner or nail polish remover to rid the surface of any glue before sewing again.

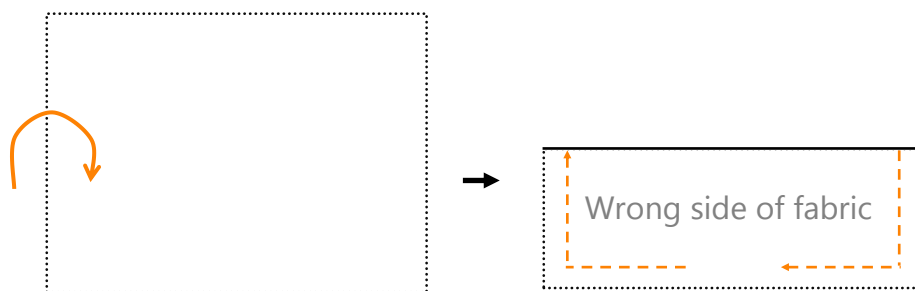
Caution when working with vinyl: Do not use pins on areas that will be visible. If pins are needed, ensure they are only used around the edges which will be hidden inside the seam allowance.

SEWING INSTRUCTIONS

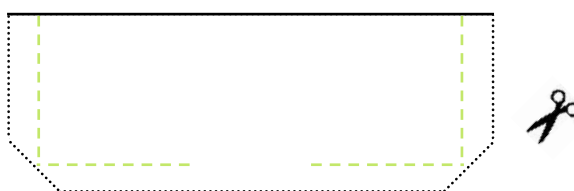
STEP 1 : Attach the Back Belt Loop Slide

This is where the belt will slide through. If needed it can be made wider or narrower. To fit a max 3cm wide belt through.

(a) SEW: Fold fabric in half right sides together (Front to front). Sew down one short end, across the bottom stopping to leave a 3-4cm wide gap, then continue sewing along the bottom edge up the other short side.



(b) TRIM, TURN & PRESS: Cut off the 2 sewn corners. Turn out the right way through the gap left in the stitching. Then press with a warm iron.

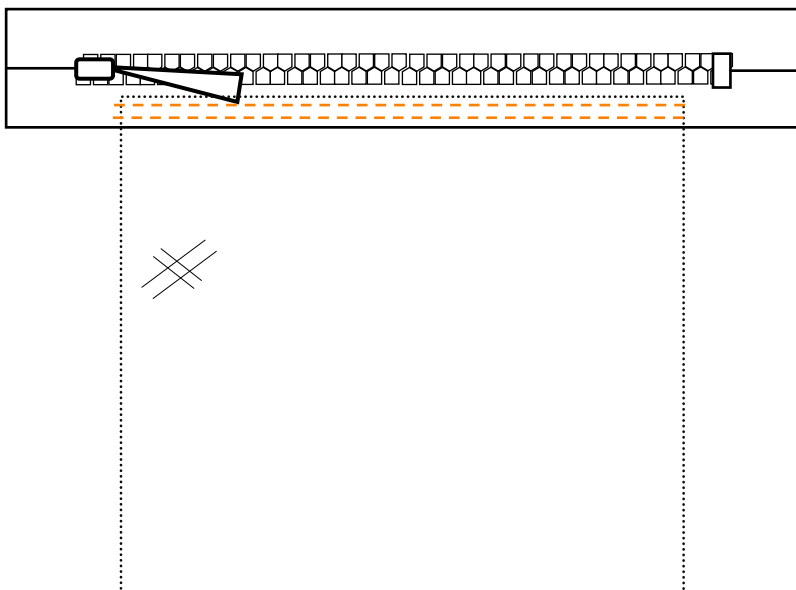


(c) PIN & SEW: Pin to the right side of fabric A in the position marked on the pattern piece. Sew top and bottom edges 2-3mm in.

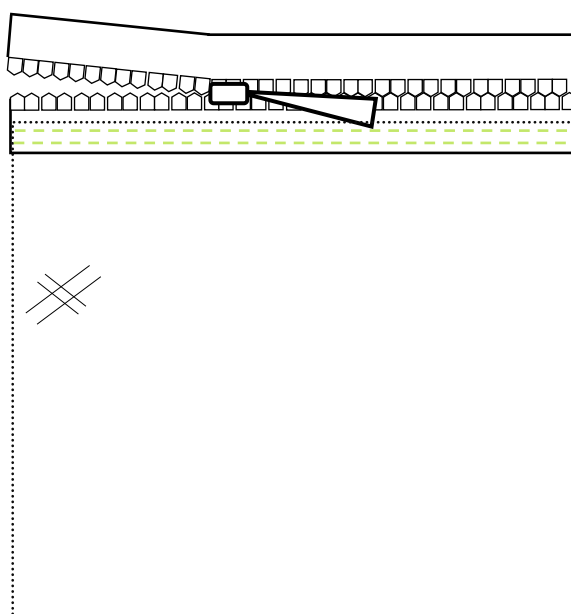


STEP 2: ZIP & VINYL: A 12cm or longer zip can be used. Place the top (12.5cm side) edge of the clear vinyl on top of the zipper front so that it sits 2-3mm away from the zipper teeth.

Using a zipper foot, sew two lines of stitching through the clear vinyl and the zipper sides. Move the zipper pull toggle out of the way as needed.

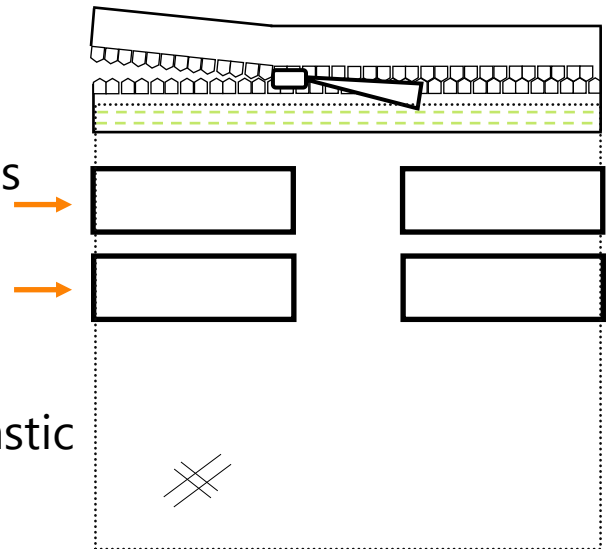


Move the zip toggle to the centre before trimming off both ends of the zipper.



STEP 3: BINDING & ELASTIC: Cut 4 strips of 20mm wide soft knitted elastic at 5cm lengths.

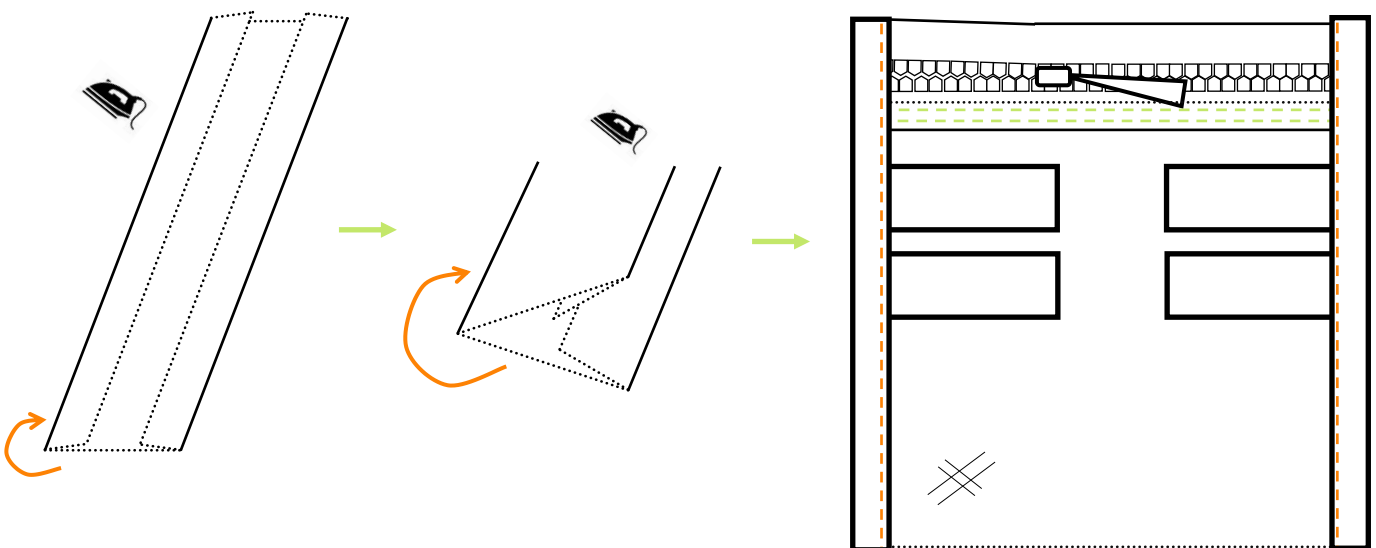
(a) Position the first two strips, 1cm below the zip on each side of the vinyl at the back (same side as the zip).



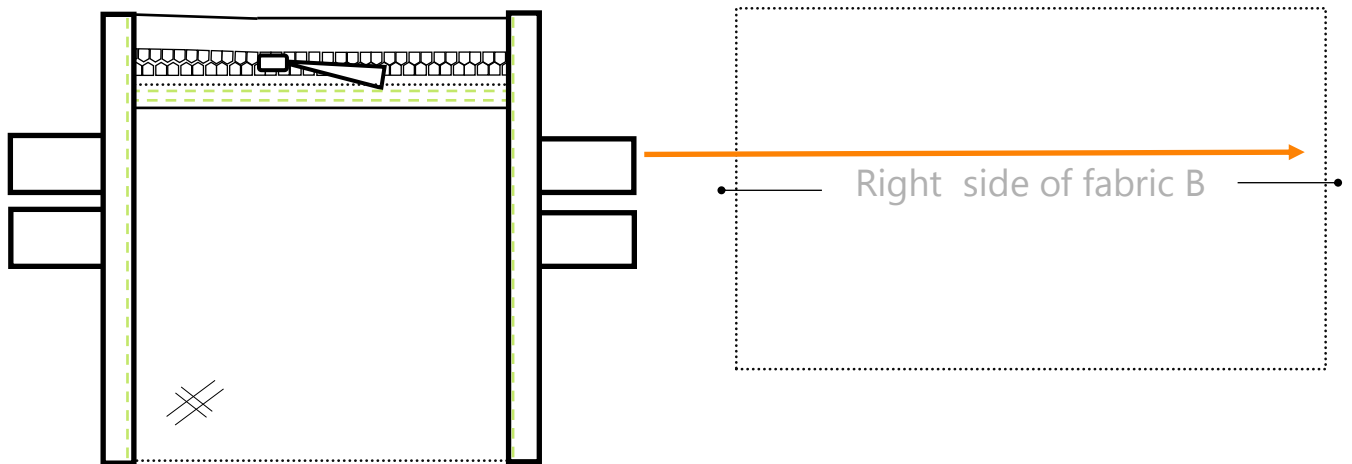
Then position the second pair of elastic strips, 7mm below the first pair.

Keep in place with clips, or pin near the edge ensuring any pin holes are in the outer 7mm around the edge only. See page 4 - pinning vinyl.

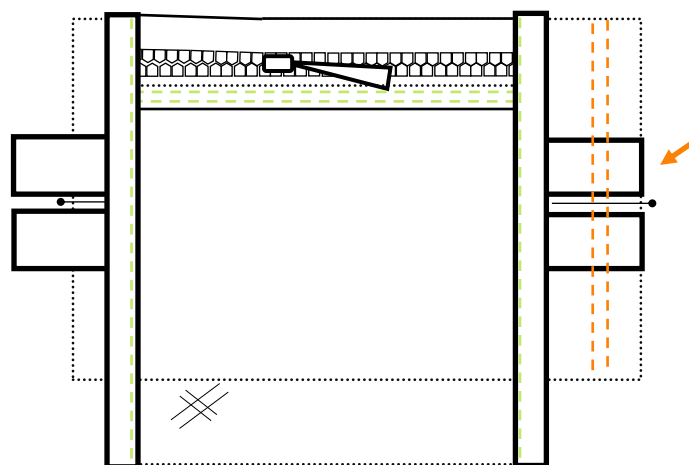
(b) Pre-fab 25mm or DIY binding (13x5cm strips pressed twice like bias binding). Position binding down both sides and sew in place, securing the elastic and zip ends inside the binding.



STEP 4: ATTACHING FRONT POCKET: Fold the elastic outward away from the vinyl. Fold the Fabric B rectangle in half to mark the middle on each side with a pin.

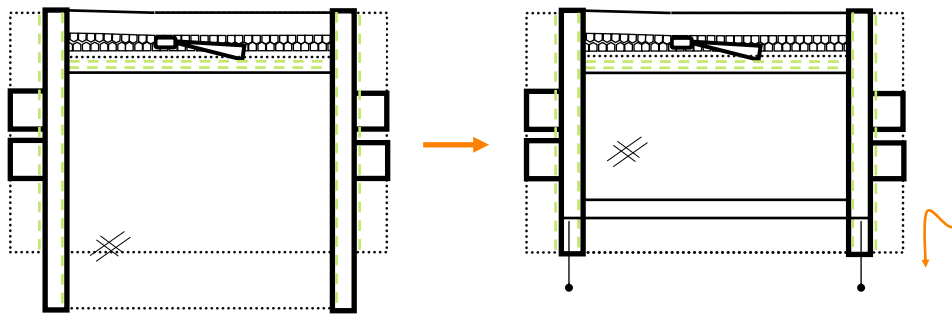


Position the two right hand side elastic strips centrally either side of the right pin as pictured. Then sew two lines of stitching from top to bottom at 15 & 20mm in from the raw edge.

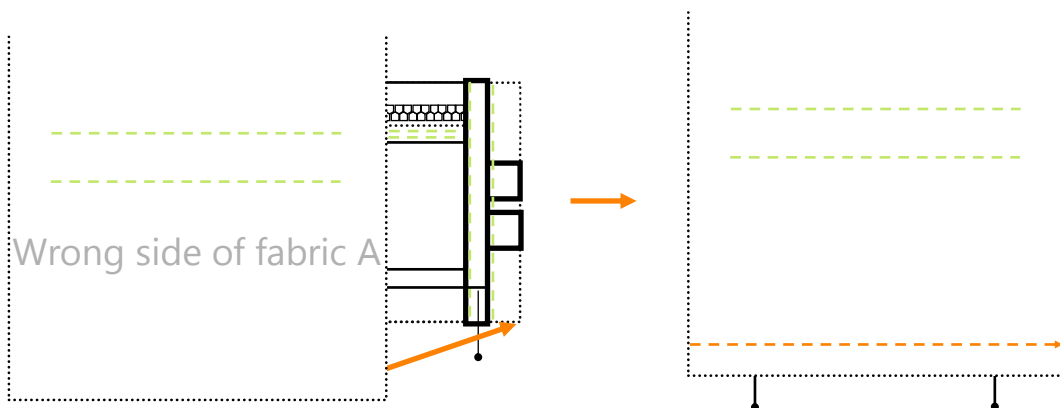


Repeat to sew the left side elastic in the same position on the left hand side B fabric.

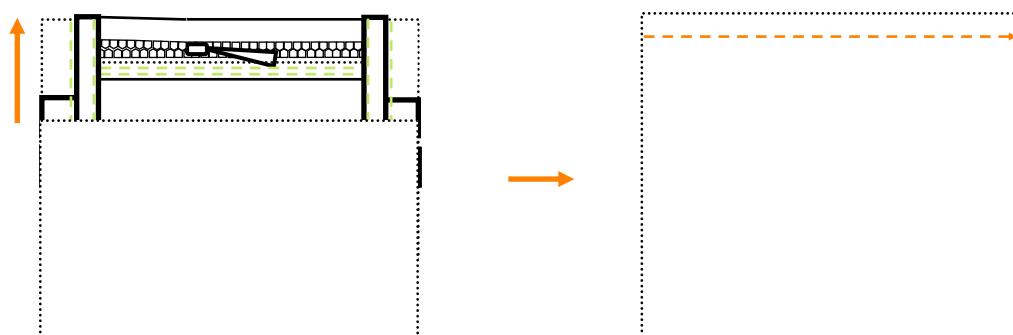
STEP 5: ATTACHING FABRIC A to B: Align the bottom edge of the clear pocket to the bottom edge of fabric B. It will need to fold in on it's self. Pin through the fabric only.



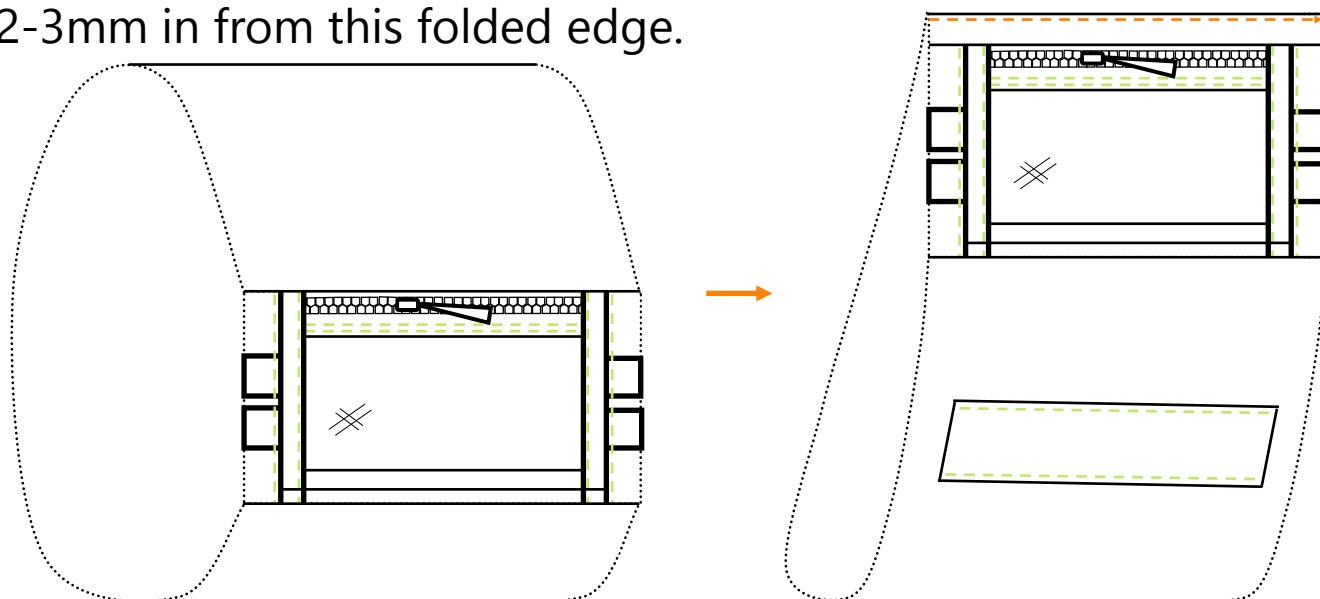
Position the end of fabric A that is nearest the belt loop slide, over the clear pocket, right sides together. The clear vinyl will want to pop up, just push it down to sew 1cm in from the bottom edge.



Bring the other end of fabric A up to meet the top edge of fabric B where the zipper is. Use a zipper foot to sew just 7mm in from this edge.

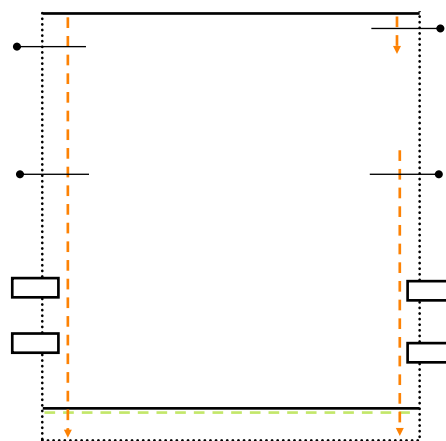
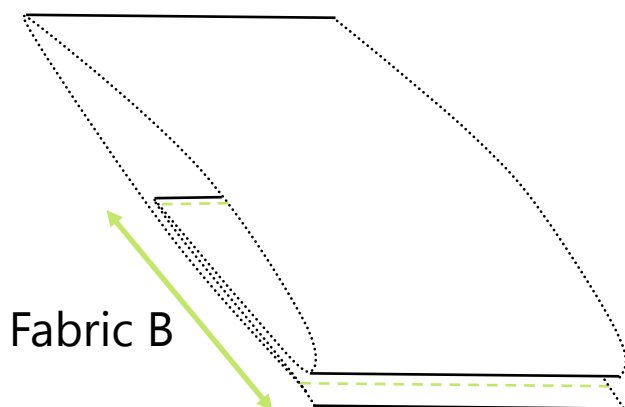


STEP 5: TOPSTITCHING POCKET: Turn out the right way. Fold fabric A 15mm above the last sewn seam, just above the zip. Sew 2-3mm in from this folded edge.



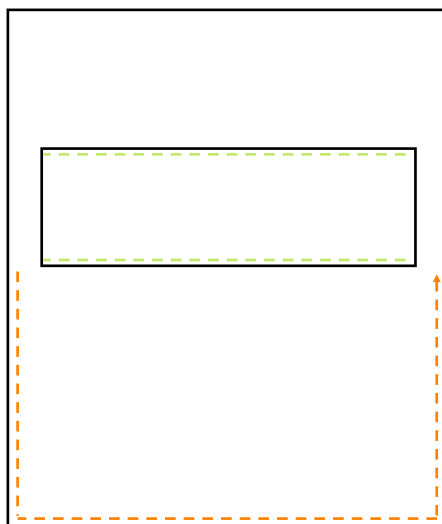
STEP 6: SIDE SEAMS: Turn the whole thing inside out. Position the wrong side of the fabric where the belt loop slide is, onto the table. The seam allowance from the bottom of the clear vinyl pocket needs to be flat on the table at the bottom. Fabric B sits on top of this first layer. After the topstitching, fabric A changes direction heading back down toward the bottom seam.

Fold fabric A 2mm above the seam. Lay the remainder of fabric A to flat and pin/clip both side edges. Sew both sides, leaving a 6cm gap near the top thinner end on one side..



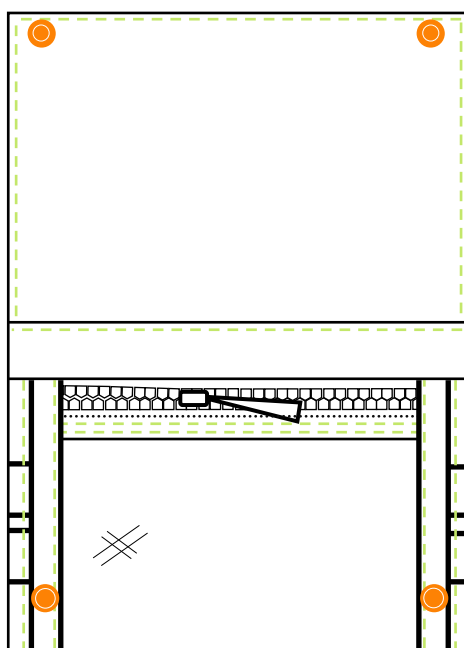
STEP 7: TOPSTITCHING FLAP: Turn out the right way through the gap left in the stitching.

Press the flap fabric with a warm iron. Caution not to iron the vinyl. Topstitch around the three sides of the flap area. Do not stitch through the pocket area.



STEP 8: PRESS STUDS: Attach plastic or metal snaps through the binding on either side of the clear pocket. The entire snap needs to sit just below the thickness of the elastic.

Attach the matching half of the snap to the edge of the flap just inside the topstitching, ensuring they are the exact same distance apart.



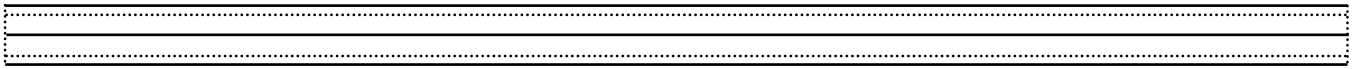
OPTIONAL FABRIC BELT

Cut a strip of fabric 80x7.5cm and knitted elastic 2x65cm.

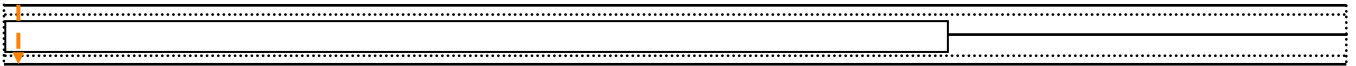
Fold fabric in half and sew along one long side.



Rotate to press the seam open flat in the middle of the tube.



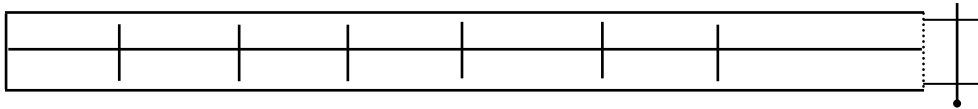
Place one end of the elastic at one end of the tube and sew.



Pin through the other loose end of the elastic only.

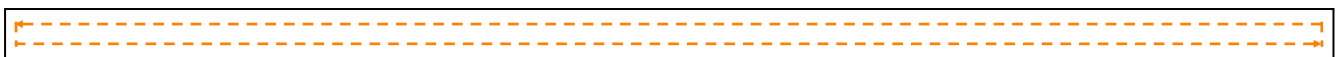
Turn the tube out the right way. The elastic will end up inside.

The pin will stop the loose elastic end from disappearing into the tube. The seam will run down the centre of the flat tube.

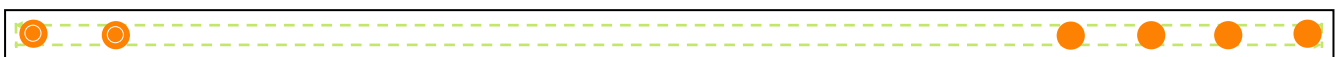


Fold the raw end of the fabric tube inside its self. Carefully align the raw end of the elastic to sit just inside the folded end. Pin.

Sew down the end to close and secure the elastic. Then stretch to full extension and continue sewing down the length of the belt 7mm from the edge, turning at the end and sewing back along the other side.



Position 2 snap studs 5cm apart at one end (face up). Position 4 snap sockets 5cm apart at the opposite end (face down).



Adjustable to fit hips 50-65cm.

Printing

Print only page 13 first. Using a metric ruler, check that the printed ruler picture on this page accurately measures 12cm.

If this is not accurate to within 1mm, your page has not printed to scale and you will need to troubleshoot the issue with your printer. Find out more about printing to scale on the Pattern Orchard website at www.patternorchard.com

Once printed to scale, print pages 14-16.

Each page has a double dot dashed border around it. Cut along this border line on all pages.

Align the 3 rectangles using the apples as a guide.

Sticky tape along the edges.

Now the pattern is assembled, cut out the 3 pattern pieces along the solid black lines.

If a page gets damaged, you can print it again.

Finished POD Clear pocket to fit max 10x6x2.5cm

Back pocket to fit max 12.5x7.5cm



BELT POD

BELT SLIDE

CUT 1 from woven (non stretchy) fabric



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BELT POD

FABRIC B

CUT 1 from woven (non stretchy) fabric



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Belt Slide Position

Visible area on front of flap.
Align any directional fabric prints this
way up and centre pictures inside
this box.





BELT POD

LEARN TO SEW VINYL

FABRIC A

CUT 1 from woven (non stretchy) fabric

Add medium weight fusible interfacing.



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