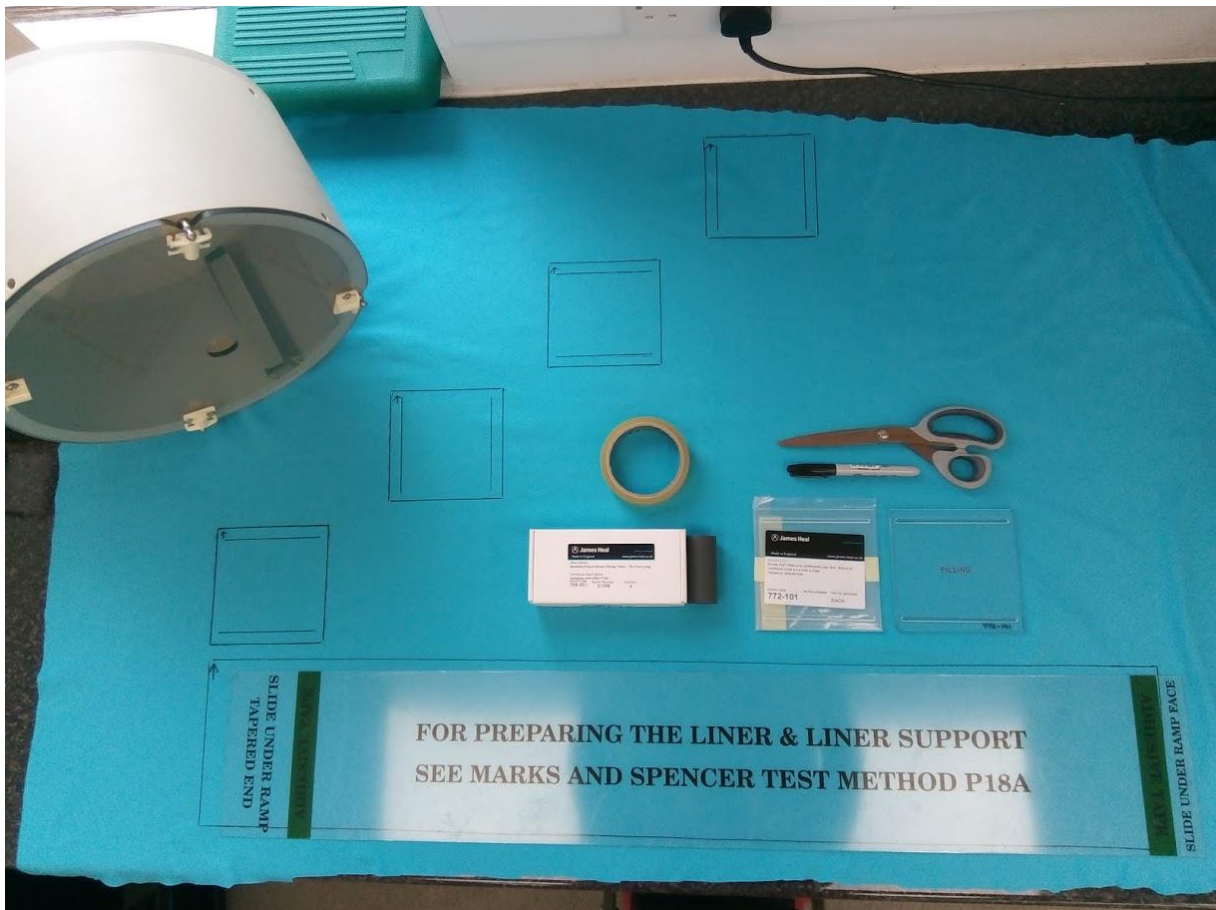


## M&S P18A Specimen & Drum Lining Preparation

Using the 125x125mm template cut 2 x warp & 2 x weft specimens and using the liner support as template cut 1 x liner fabric



Always mark on the reverse of the fabric (unless double faced then test both sides)

## Specimen Preparation

Fold the specimens and sew along the marked line



Turn the specimens out





**Open & flatten the seams**



**Sewn specimens**



**Mount the specimens onto the tubes**



**Take a tube and wrap it round the mounting jig centrally**



**Place the metal tube over the rubber tube**



**Pull the specimen over metal tube then hold the fabric at the base of the jig firmly and pull the metal tube out. The specimen will now be wrapped round the rubber tube. Remove the tube & specimen.**





**Sample wrapped round the rubber tube**



**Tuck the ends into the tube**



**Take the rubber locking rings**



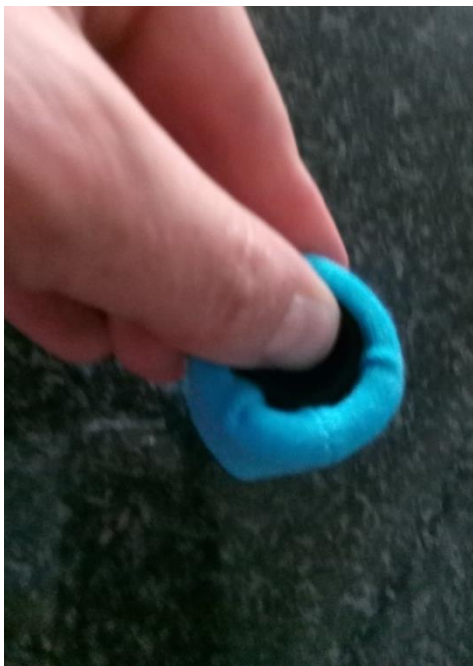
**Wind the locking ring tightly round on itself**



**Place wound locking ring inside the specimen tube**



**Push down until the locking ring no longer protrudes from the top of the specimen tube**





Place locking ring in both ends until all four specimens look like so:

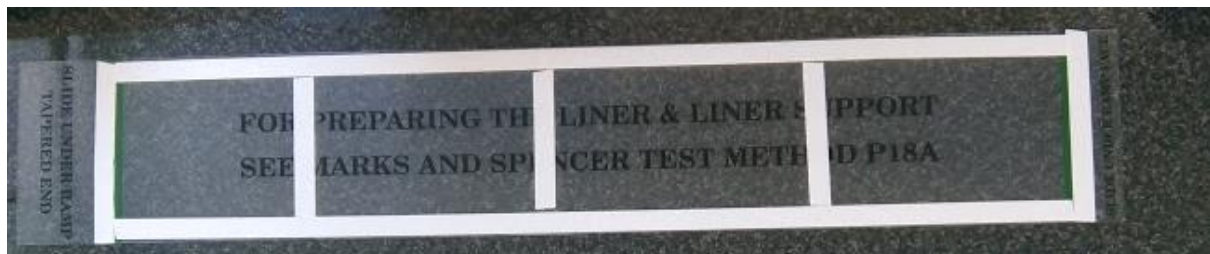


## Drum Liner Preparation

Using the liner support as the template, mark & cut a rectangle for the drum lining

Overlock the edges of the lining fabric and stick to the liner support with double sided tape placing one edge on the adhesive strip 25mm from one edge and leave the other edge with 95mm loose – this will go beyond the edge of the liner support at one end.

Double sided tape pattern



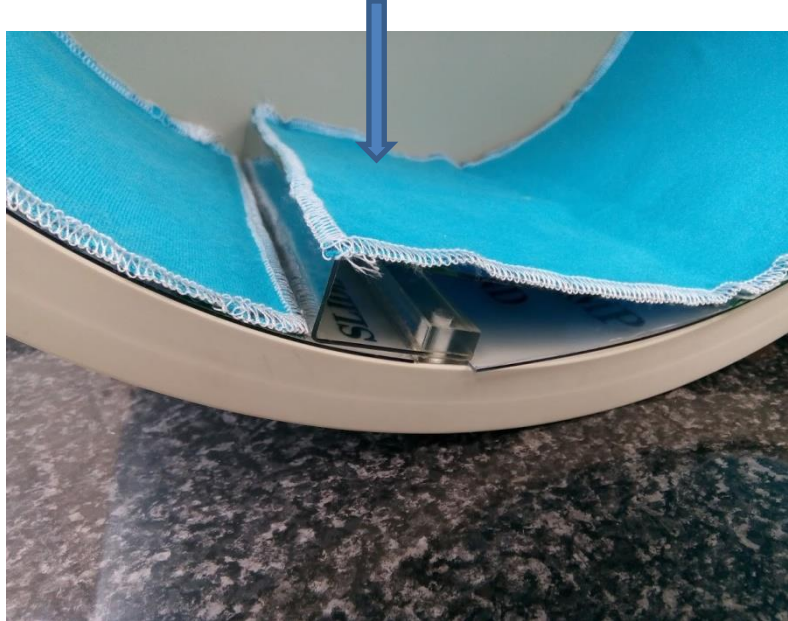
Drum lining with overlocked edges adhered to the liner support – note the position of the fabric.



The following should be carried out with the drum in situ on one of the lower Orbitor stations:

Place the liner adhered to the support in the drum with the 25mm edge under the vertical face of the ramp and the other end under the tapered end of the ramp. It is necessary to bend the liner.

Adhere the remaining loose 95mm of fabric onto the ramp with double sided adhesive tape.

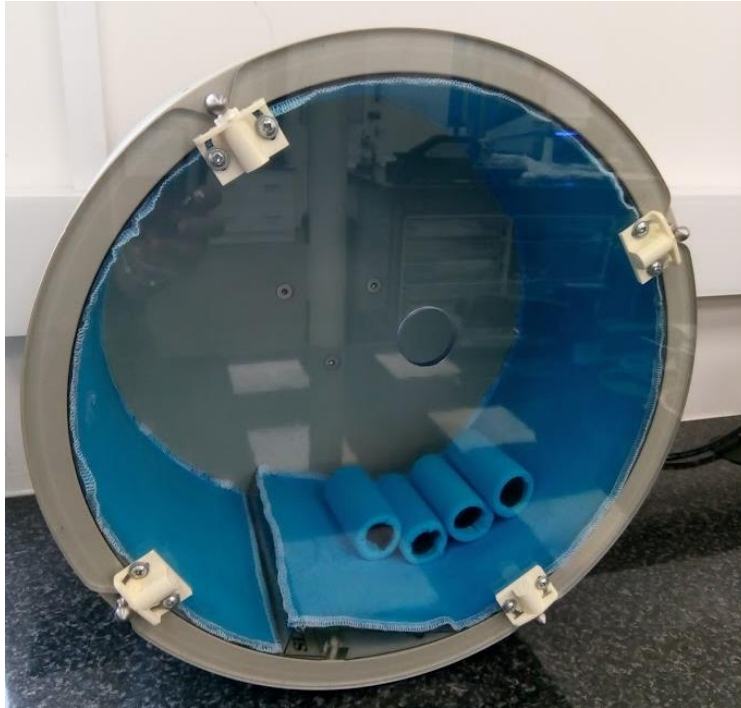


**Place the specimen tubes in the drum**





**Place the cover on the drum.**



**The assembly is now ready for testing**

**Again, please note that the drum should be first placed & fixed onto one of the lower Orbitor stations (if a 4 station) before loading with the liner & specimens.**