

The WIRA Bending Length tester is used to determine the Bending length of a nonwoven fabric, and from this the flexural rigidity can be calculated.

The apparatus is manufactured from clear Perspex and incorporates a roller mechanism to drive the test sample at constant speed.

Test pieces are cut from the fabric measuring 250 x 25 mm. Each test piece is tested from

both ends and with both sides uppermost (4 tests in total).

The strip is placed on the platform with the leading edge of the fabric in line with the front edge of the platform. The steel ruler is placed on top of the fabric. The ruler and fabric are moved forwards together by the roller mechanism until the fabric extends down in line with the engraved markings. The distance moved is then read from the ruler.

**Standards: ISO9073-7:1995, EDANA Test method 50.5:99**

## **WIRA Draper**

**Order Code DRP:001**

The drape characteristic of nonwovens is important for interlinings and shows its ability to form natural folds.

### **Test Method**

The test allows a circular sample to drape around a support. The cast shadow from the draped sample is assessed and the drape coefficient recorded.

**Standards: Edana 90.4-89, ISO 9073-9:1995**