

WIRA Digital Thickness Gauge (for Nonwovens)

Order Code **UTG:001**
& **UTG:NWS**

The WIRA Digital Thickness Gauge (see page 31 for full description) is available with specific nonwoven standard test kits as follows:

Nonwovens:

Order Code **UTG:NWS**
Includes presser foot and reference plate

Geotextiles:

Order Code **UTG:GEO**
Includes Presser foot, reference plate, guard ring and set of weights to produce pressures of 2, 20, and 200 kPa.

Accessory kits are available for floorcoverings and other specialist applications.

Standards:

ISO 9073:1995 Part 2; EDANA Test Method 30.5-99, BS EN 964-1.

WIRA Thickness Gauge for bulky Nonwovens up to 20 mm

Order Code **UTG:002**

Bulky nonwovens are defined as those that compress by more than 20% when tested with pressures of 0.1 kPa and 0.5 kPa.

Examples include wadding and high-loft products.

Bulky Non wovens up to a maximum thickness of 20 mm should be tested on this apparatus.

The specimen is held vertically between a vertical reference plate and a presser foot by means of a clamp. The hand screw is turned to adjust the presser foot until the pressure exerted on the sample is 0.02 kPa. This is indicated by illuminating a light.

Standards:

ISO 9073:1995 Part 2; EDANA Test Method 30.5-99

WIRA Thickness Gauge for bulky Nonwovens greater than 20 mm

Order Code **UTG:003**

Bulky nonwovens with a thickness of greater than 20 mm should be tested on this apparatus.

The specimen is placed on a base plate and covered by a

glass plate, the pressure exerted on the sample is 0.02 kPa. The measuring arm is lowered until the pointer touches the surface of the glass plate. The thickness is read from the digital display.

Standards:

ISO 9073:1995 Part 2; EDANA Test Method 30.5-99