



Simple and effective test method

For evaluating the run-off characteristics of nonwovens.

The run-off is determined as the amount of liquid that runs down a test piece. The test method is designed to compare nonwovens and is not intended to simulate in use conditions.

Test Method

Under standard conditions, a specified amount of simulated urine is applied to a sample. The nonwoven specimen is placed on a standard absorbent medium on an inclined plane. The inclination of the plane can be set to either 25° or 10°. The dosing equipment delivers 25 grams of the test liquid in 4 seconds in a steady stream down a glass tube.

The glass tube is positioned above the reference line on the inclined table. Run-off liquid is collected by a standard receiver pad, located in a support tray at the base of the incline.

The Wira Run Test Apparatus forms an inclined plane of 25° for testing hydrophilic nonwovens and can be adjusted to 10° for testing hydrophobic nonwovens. A balance is required to weigh the receiver pad to determine how much of the test liquid runs off the specimen.

Timers and balances are available as additional items.

Key Features

- ✓ *Acrylic run off table*
- ✓ *25° or 10° incline*
- ✓ *Dosing equipment*
- ✓ *Flow rate regulated by compressed air*
- ✓ *Harmonized test method*

Dimensions:

Run-off table – 200mm (W) x 465mm (D) x 545mm (H)

Dispenser – 220mm (W) x 210mm (D) x 67mm (H)

Power: Specify 220 VAC or 110 VAC, 100 Watts

Standards: Edana 152.2 (02),
NWSP 080.9.R1, ISO 9073-11

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