

Related Consumables
& Services

794-516 Abrasion Station Kit

Standards: EN ISO 12947-1, M&S P17, P19 series, Next TM 18, ASTM D4966, D4970, WSP 20.5

Kit comprises: 9 kPa and 12 kPa weights, two spindles and Sample Holder. Use without loading weight to achieve specimen pressure of 3 kPa.

Used for abrasion testing of woven, knitted and nonwoven fabrics. Also used in some methods for the testing of pilling.

794-517 Pilling Station Kit

Standards: EN ISO 12945-2, SN 198 525

Kit comprises: Sample Holder Sample Retaining Ring and Ring Weight.

Based on the "Swiss Pilling" method and applicable to woven and knitted fabrics for apparel and upholstery.

794-410 Ball Plate Station Kit

Standard: Based on VDA Test Method 230-211 (June 2008), ISO/DIS 17076-2 and IUP 48-2 (IULTCS -International Union of Leather Technologists and Chemists Societies).

Kit comprises: Martindale Ball Plate, Woven Felt Pad, Template for Test Specimen Preparation, Spacer, Certificate of Calibration for Ball Plate.

Application: To determine the Abrasion Resistance of Leather Surfaces.

Industries: Textile, Upholstery, Automotive.

794-518 Sock Abrasion Station Kit

Standard: Sock Testing EN 13770 Method 1.

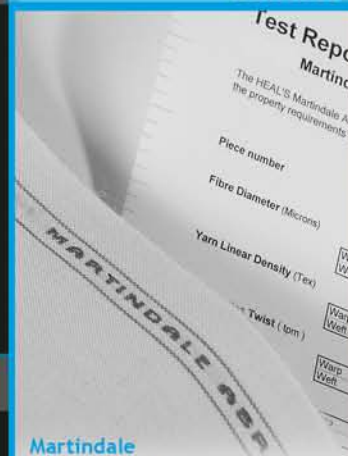
Kit comprises: Sock Sample Holder, Pinned Ring and Precision Ball.

Application: For the abrasion resistance of knitted footwear garments, such as ankle socks, socks and heavy tights. Specimens of hosiery are stretched over a flat rubber surface and abraded against Abrasive Cloth under a known pressure in a cyclic planar motion (Lissajous figure).

794-411 Line Contact Plate Kit

Application: Used to produce multi-directional edge abrasion causing holes, hairiness and/or fibrillation.

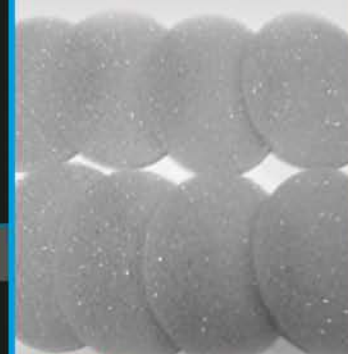
Industries: Can be used for testing Shirt Collars and Cuffs in addition to materials used for Ruck Sacks and similar end uses.



Martindale
Abrasive Cloth



Martindale
Woven/Nonwoven Felt Pads



Martindale
Pre-cut Discs of Foam



HEALINK Service
and Calibration





MARTINDALE 103

1950

Over 60 years ago, James Heal co-operated with Dr Martindale, who worked at the Wool Industries Research Association (WIRA), to design and produce one of the first Martindale Wear and Abrasion Testers: Martindale 103.

In the early 1990s James Heal redesigned the Martindale instrument and developed an all new Martindale 403. Features including:

- Innovative 6 station Martindale
- Quick locking clamp rings
- Hinged top plate

1990



MARTINDALE 403



MARTINDALE 406

1999

Launched at the ITMA exhibition in Paris, 1999, the Martindale 406 set a new benchmark in design and functionality:

- Clear LCD screen
- Auto restart was introduced
- Intuitive mimic function
- Stylish moulded interface casing

James Heal's next innovation was the Martindale 864, developed to provide choice for the user with 4, 6 or 8 stations.

New features included:

- Ergonomic top plate design for ultimate access to each station
- Intelligent parking positions
- High torque motor, ideal for high friction testing
- Optional variable speeds

2003



MARTINDALE 864



CURRENT MARTINDALE : 900 SERIES

2010

In response to market demand, James Heal further enhanced its Martindale models and accessories. Inspired by over 60 years' accumulated knowledge and expertise in the design and development of Martindale testers, the Martindale 900 Series was developed, with a focus on the James Heal core values of: