



SPECIFICATIONS

Sole adhesion tester Instrument designed to measure the strength of the adhesion of stuck-on and moulded soles at the toe and heel of finished footwear in the testing laboratory. sole of the footwear, positioned on the ridge shaped anvil. A gradually increasing downhill force, force should shown by the load dial gauge on the instrument, which incorporates a maximum load pointer. The actual load to cause separation should be measured, a pass load should be applied to check that the sole adhesion is satisfactory and the sole does not come away.

General requirement: A test device which has a range of detachable horizontally mounted toe pieces each constructed from mild steel plate of thickness 10 ± 1 mm, with an arc shaped cut out from one of its longer edges, with a total arc length of 22 ± 1 mm, with the profile of the arc shape approximately the same as the toe or heel of the footwear to be tested, such that the total arc length of the cut-out will fit over the extended edge of the footwear sole, with the edge of the arc shape tapered with a bevel of approximately 45° to the upper surface to produce almost a knife edge. A means of measuring the force applied normally to the metal plate in an upwards direction to an accuracy of $\pm 5\%$. The force range is: Toe adhesion tests 0 to 450N, Heel adhesion tests 0 to 900N, A horizontal fulcrum to support the lower surface of the footwear outsole which has the form: Toe adhesion - an anvil of width greater than 75 mm, Heel adhesion tests 0 to 900N. The centre of the fulcrum approximately 45 mm from the centre of the arc in the toe piece, the height of the fulcrum in relation to the toe piece adjustable to cope with different sole and heel thicknesses. The fulcrum rigidly connected to the force measuring system. Accessories: all necessary spare parts kit for running the instrument and maintenance.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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