Test Method: SATRA TM34

RESOTECH WATER RESISTANCE TESTER

MODEL NO. RESOTECH SCH-048

This method is intended to determine the resistance of a material to water penetration upon flexing. The method is mainly applicable to footwear upper outer materials but can be used with any flexible sheet material.

Principle

A square test specimen is folded and secured in two V-shaped clamps which have closed ends so as to form a trough. The trough is then immersed in distilled or de-ionised water and one of the clamps oscillates at a constant speed such that the specimen is repeatedly flexed. The test is stopped at the first sign of water penetration through the test specimen. Water absorption can also be measured if required.

Application

Footwear Water Resistance Tester Is Designed To Determine The Water Resistance Of All Types Of Shoes.

Usages

- Leather - uppers and linings
- Tests applicable to several material types
- Textiles and coated textiles, including synthetic uppers and linings

SPECIFICATION

Model NO.	RESOTECH SCH-048
Clamps	V Shape
Clamp size	63 +- 3
Switch Position	10k,30k,50k
Speed	90 +- 5 Cycle / per miniute
Power supply	1ϕAC 220V, 50/60Hz
Standard	SATRA TM 34, ASTMD2099