Comfort is a major consideration when consumers buy footwear and in their brand loyalty. SATRA’s expertise in fit and comfort assessment is being increasingly used by members to benchmark the comfort performance of all types of footwear.

Why use SATRA?
For almost one hundred years SATRA has contributed to many great advances in the footwear industry through its unrivalled knowledge of developing consumer products and materials, and testing in its purpose built laboratories.

The unique SATRA Comfort Index is one result of the research and development undertaken by SATRA’s dedicated teams of highly qualified scientists and technicians. The SATRA Comfort Index assesses and evaluates all factors that affect the comfort of footwear and its components.

In addition, SATRA has a wide range of physical tests to characterise and quantify specific comfort factors.

Unique services
SATRA Comfort Index (SATRA TP3):
- Is a unique way of quantifying whole shoe comfort
- Highlights comfort strengths and weaknesses
- Offers advice on how to enhance comfort

The index comprises four subjective evaluations:
- Fit assessment - fit is the single most important comfort factor
- Aesthetics and handle - customer impressions and expectations at point of sale
- Treadmill walking - physical comfort performance in controlled conditions
- Moisture disposal - the ability of the shoe uppers and linings to dispose of sweat from the foot.

Testing
SATRA’s purpose built, temperature and humidity controlled, UKAS accredited laboratories have a range of equipment installed to measure and assess whole shoe and underfoot comfort. For example, SATRA can measure ‘whole shoe breathability’ with the advanced moisture management test (AMMT), recording absorption and breathability using an artificial, sweating foot.