



Click or Scan QR Code for Price List

<https://www.turf-tec.com/Prices/Turf-Tec-Price.pdf>



Shear Vane Foot



Testing with Cleats



Ejecting Grass



Turf-Tec Shear Strength Tester & Hard Case

Part #: TSHEAR2-M

<http://store.turf-tec.com/tshear2.html>



The Turf-Tec Shear Strength Tester, also known as a shear vane apparatus in scientific literature, is a specially designed tool to test the stability of athletic field and golf green turfgrass root systems.

On sports fields, in addition to shear vane testing, the Turf-Tec Shear Strength Tester can also test the type and depth of cleats that will perform best in your particular environment and turfgrass root system. Knowing the correct cleat will ensure proper footing during play and will also reduce slipping to create a safer playing environment for athletes. The unique design of the new Turf-Tec Shear Strength Tester with Shear Vane Foot allows the testing of the health of the root system and the turf's stability directly on athletic fields. Simply unscrew the shear vane testing foot and screw in the desired cleats to be used during play, then insert the tool into the soil. Press down and turn the tool until the turf starts to slip. This will provide a reading in Newton Meters as to the shear strength of the turf. Different cleat types and depths can be tested and compared to each other directly on the playing surface before matches or games. These tests will ensure the cleat choice is optimum for the field on that given day; regardless of field moisture, soil types, turf varieties or weather conditions. This is the tool used by professional stadiums to measure shear strength before every game. Golf green root integrity can also be tested. Greens with lower shear strength values have less root mass and are therefore subject to more ball marks and less desirable putting quality.

MADE IN USA

Hard Case Included



Optional - Spacer foot for testing

Part #: TSHEAR2-SPACER

<https://store.turf-tec.com/products/tshear2-spacer-foot.html>



Turf-Tec Synthetic Turf Shear Strength Tester for Synthetic Athletic Field Turf & Hard Case

Part #: TSHEAR2-SYNTH-M

<https://store.turf-tec.com/tshear2-synth-m.html>



The Turf-Tec Synthetic Turf Shear Strength Tester has a specially designed foot for testing synthetic turf fields. This tool also has an extremely sensitive precision 0-9 Newton Meters wrench for exact readings on synthetic and infill surfaces. The instrument has a foot that has four hardened steel spikes that protrude below the foot, 1/2 inch (12.7 mm) and into the synthetic turf fibers and infill. This depth is optimal for testing synthetic shear strength values without damaging the turf or penetrating the synthetic turf backing material. The unit is useful in ensuring the surface is uniform and stable for playability and player safety.

For testing synthetic turf fields, the Turf-Tec Synthetic Turf Shear Strength Tester can also give an indication of the proper length cleats to be worn as well as ensuring the playability and footing is consistent across the entire playing surface. Just remove the Synthetic Turf Shear Strength Tester foot and insert four cleats (provided) into the holes at the base of the tool and test. Use the Turf-Tec Synthetic Turf Shear Strength to determine proper cleat length footing values and match those values with an infill depth gauge to also ensure the infill material is the same depth across the entire playing surface.

Also testing hardness of the surface with a Clegg Impact Tester to find out gMax readings will also show hardness of the playing surface. By having the cleat shear strength reading, the gMax reading and the infill depth reading consistent across the entire playing surface ensures playability and footing is consistent for synthetic turf safety.



MADE IN USA