



results.

leadership.

experience.



want to know?  
test **it**

## Company Profile

Firefly Sports Testing is a full service sports surface testing laboratory with experience in all aspects of surface safety and performance testing. Our clients range from NFL Stadiums including the Super Bowl to small municipal playgrounds. Firefly maintains an ISO 17025 accreditation and holds major sports surface testing accreditations including FIFA, ITF, FIH, & WR. As North America's largest provider of on-site testing we see more surfaces per year than anyone. We are trusted by all of the top manufactures and accrediting organizations for our reliability and professionalism. Our experienced team focuses on providing premium quality and service at an affordable price. Please give us a call the next time you have any questions.



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**firefly**  Call us today!  
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# Your one-stop-shop for sports surface testing

When it comes to testing it is important to use the “right tool for the job”. We have put together this pamphlet to help you understand what testing is available and when it could be useful. When you are ready our experts are here to help you develop a testing program that properly addresses your needs.



## Base Construction

- Base Drainage Testing
- Base Planarity Evaluation
- Compaction Testing
- 3-D Surface Scanning
- Slope Evaluation



## Surfaces Tested

- Synthetic & Natural Turf
- Indoor Sports Flooring
- Playground Surfacing
- Running Tracks & Tennis Courts
- Wrestling & Martial Arts Mats
- Climbing & Gymnastic Mats



## Ball Interaction

- Vertical Ball Rebound
- Ball Roll Distance
- Angle Ball Rebound



## Player Interaction

- Artificial Athlete Tests
- Force Reduction
- Vertical Deformation
- Energy Restitution
- Rotational Resistance
- Linear Friction Skid
- Surface Abrasion



## Surface Qualities

- Surface Durability Testing
- UV & Artificial Weathering
- Temperature Evaluation
- Surface Drainage Testing
- Turf & Infill Identification
- Line Marking Verification
- Surface Planarity Evaluation
- Heavy Metal Toxicology Analysis
- Seam & Surface Loading Strength



## Specification Tools

Testing can be a useful tool when specifying sports surfacing. We offer specification writing tools that make it easy to customize your surface specification.



## Product Lab Testing

Lab testing a surface system provides an understanding of how the surface will function prior to installation. This can help with product evaluation / selection and creates realistic expectations for the installed surface.



## Pre & Post Installation Inspections

Independent quality control inspections are often performed both just before and after the surface installation. This evaluates the quality of the base system and finished surface separately identifying potential concerns early.



## Certifications & Assessments

We offer all of the top official certifications from organizations such as FIFA, WR, FIH, and ITF. We also offer annual g-max testing, annual monitoring, surface diagnostics, forensic studies and end-of-life evaluations.



## Testing Equipment

For organizations looking to do some internal monitoring we offer a wide range of testing tools including straight edges, drainage rings, g-max and “HIC” devices



## Looking for a testing company in your region?

At Firefly Sports Testing, the country is our backyard. By testing so many fields throughout the states we are able to offer pricing and service as if we were located right down the street. Our straight forward all-inclusive pricing, comprehensive reports and experienced staff are just some of the reasons we are #1 in North America.

