AstroTurf® has a long history of innovation and leadership in the hockey world. It’s the brand that changed the sport. At the same time, as we celebrate AstroTurf’s *50th Anniversary,* we pause to reflect on the sport that has shaped AstroTurf’s history, as well.

Field hockey is about the work that’s put in. It’s about the coaching. It’s about dedication. It’s about leadership. It’s about speed. It’s about skill development.

It *shouldn’t* be about the surface. And that’s exactly why the surface is so important.

**AstroTurf is…**

* The leader and expert in hockey –it’s what we live and breathe everyday
* A vertically integrated manufacturer – we can take a raw polymer and take it through all phases of manufacturing and installation
* A fount of institutional knowledge – our manufacturing facilities have been in continuous operation since 1968
* The official turf of NFHCA and USA Field Hockey
* A producer of FIH-Certified systems
* A charter member of the Synthetic Turf Council

**Which system is right for me?**

AstroTurf makes a wide variety of field hockey systems to meet most budgets. Here’s an introduction to the various systems we offer:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Product** | **Fiber** | **Construction** | **Life Expectancy** | **Shockpad** | **Infill Required** | **Ideal for** | **Cost** |
| **AstroTurf 12** | Nylon | Knitted | 10 – 15 Years | Required | None | Elite Play | $$$$$ |
| **AstroGrass** | Nylon | Tufted | 8 – 10 Years | Required | None | Collegiate | $$$$ |
| **Stadia Turf** | Polyethylene | Tufted | 8 Years | Required | None | Club or Collegiate | $$$ |
| **PureGrass** | Nylon | Tufted | 8 Years | Required | None-Minimal | Club Level | $$$ |
| **PureGrass Poly-Nylon** | Nylon/Polyethylene | Tufted | 8 Years | Required | None- Minimal | Club Level | $$ |
| **3DXtreme** | Polyethylene | Tufted | 8 Years | Optional | Moderate | High School/ Club | $ |

*Turf Terms - A Primer:*

Fabric Construction:

Knitting: Fibers knotted together. Superior for Field Hockey - non-directional, durable product.

Tufting: Fibers punched through backing. Acceptable but not ideal - more directional and less durable than knitting.

Fiber Composition:

Nylon: 40% more resilient and 33% stronger than Polyethylene. Absorbs water for a hockey-friendly surface.

Polyethylene: Compared to nylon, PE is less abrasive, does not retain its shape, and is less durable. Also repels water.

**You’ll find AstroTurf at:**

American University

Appalachian State University

Bates College

Boston College

Boston University

Bowdoin College

University of British of Columbia

Brown University

Bucknell University

UC, Berkeley

UC, Davis

Centre College

Colby College

Colgate University

Colorado College

Columbia University

University of Connecticut

Cornell University

Dartmouth College

Davidson College

Drexel University

Dubai Sports City

Duke University

Echizen Indoor

Hamilton College

HC Dragons

HC Dragons

HC Belper

HC Braxgata

HC Dragons

HC Eindhoven

HC Geldrop

HC Ijsselstein

HC Pinoke

Hobart and William Smith Colleges

College of the Holy Cross

Ichihazama Hockey Field

University of Iowa

Ipoh School, Malaysia

University of Johannesburg

Keene State College

Keio University

Kent State University

Kentucky Country Day School

Lafayette College

Las Palmas

Las Palmas

Lehigh University

Lock Haven University

Longwood University

University of Louisville

University of Maine

Mansfield University

University of Maryland

Maryvale Preparatory School

University of Massachusetts-Lowell

University of Massachusetts

Messiah College

Miami University

Michigan State University

University of Michigan

Monmouth University

University of New Hampshire

Nopporo Hockey

University of North Carolina

Northeastern University

Northwestern University

Ohio State University

Ohio University

Old Dominion University

Oneonta, SUNY

Penn State University

Pennsylvania, University of

Perth Field Hockey Stadium

Princeton University

Providence College

University of Richmond

Rutgers University

Saint Joseph's University

Slippery Rock State University

Southern Connecticut State University

Spooky Nook

St. Andrew's College

Stanford University

Syracuse University

Temple University

University of Toronto

Trinity College

Tsukidate Hockey

Ursinus College

Vassar College

University of Virginia

Virginia Beach National Training Center

Wake Forest University

College of William & Mary

Yale University

**Timeline (I was thinking it would be good to have this along the bottom of the pages)**

1964 – Synthetic Turf invented and called “ChemGrass”

1965 – Ribbon extrusion started for Astrodome

1966 – AstroTurf installed at Astrodome

1968 – Original synthetic turf patent awarded to AstroTurf®

1968 – AstroTurf’s Dalton, GA manufacturing facility opened

1968 – 1st knitted field using closed cell pad installed (University of Alabama)

1975 – 1st International Field hockey game played on AstroTurf (Montreal)

1976 – AstroTurf Olympic Debut at Molson Stadium, Montreal

1979 – Pan American Field Hockey Games played on Puerto Rico’s first AstroTurf surface

1980 – Sewn seams introduced to the US market

1981 – 1st textured nylon ribbon field installed at Texas Stadium

1982 – 1st AstroTurf System 90 field installed in Australia

1982 – 1s AstroTurf System 5 field installed in India

1983 – Women’s World Cup Hockey played on AstroTurf

1987 – Pan American games played on AstroTurf

1989 – 1st E-layer® systems installed at William & Mary and UC Berkeley

1990 – World Cup Hockey on AstroTurf in Lahore, Pakistan

1992 – Polypropylene fibers introduced

1992 – AstroTurf used for Barcelona Olympics

1994 – Asian Games, Hiroshima, Japan

1996 – Atlanta Olympics on AstroTurf

1999 - Pan American Games, Winnipeg, Canada

2002 – Women’s World Cup on AstroTurf (Perth)

2002 – 10th Men's World Cup, Kuala Lumpur, Malaysia

2003 - European Nations Cup, Barcelona, Spain

2004 – Textile Management Associates purchases the AstroTurf brand and all manufacturing facilities

2005 – Women's Rabobank Champions Challenge , Virginia Beach, Virginia, USA

2007 – EuroHockey Nations Championship, Manchester, England

2008 – AstroTurf used at the Beijing Olympics

2012 – AstroTurf JG introduced at Princeton

2013 - EuroHockey Nations Championship, Boom, Belgium

2015 – AstroTurf’s *50th Anniversary*

2015 – Pan American Games to be played on AstroTurf – Toronto