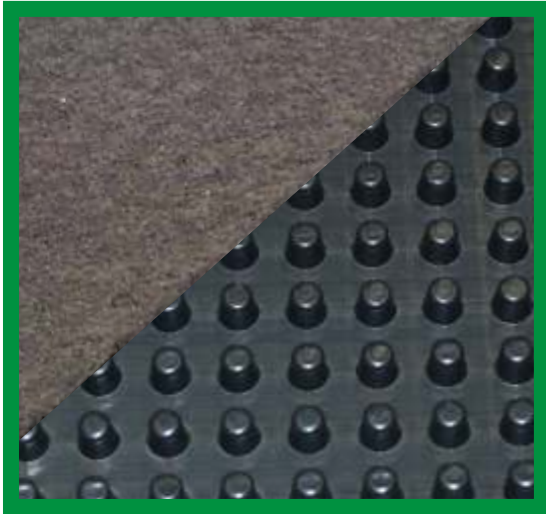


# J-Drain® Turfcore

## Athletic Field Drainage



- ◆ Custom Roll Lengths
- ◆ 8 ½' Roll Widths
- ◆ No Gravel Needed
- ◆ Less Seams Required
- ◆ Reduces Installation Costs
- ◆ High Flow Rates
- ◆ High Compressive Strength
- ◆ Enhanced G-Max Performance



**8 ½ ft. Width**

**Custom Roll Length**

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**JDR Enterprises, Inc.**

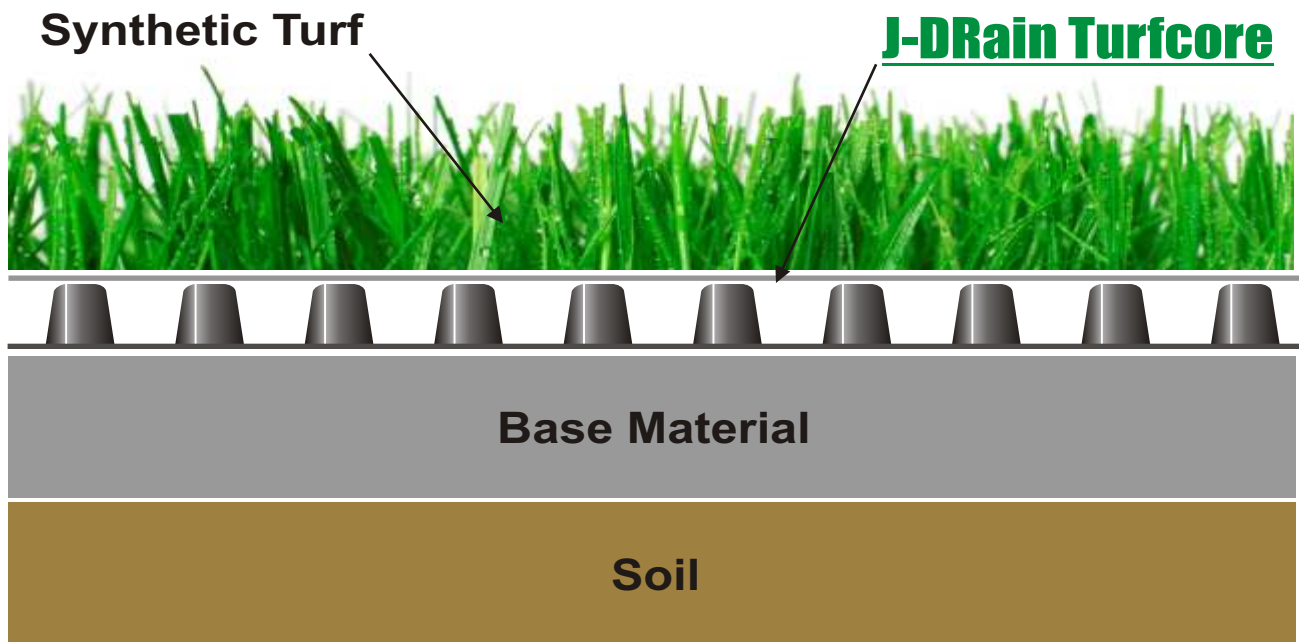
292 S. Main St., Suite 200 Alpharetta, GA 30009  
(800) 843-7569 (770) 442-1461 Fax: (770) 664-7951

# J-DRain<sup>®</sup> Turfcore

## Athletic Field Drainage

▲ 8 ½ ft. widths  
for easier installation

**J-DRain Turfcore** is designed as a technically advanced drainage for synthetic fields. **J-DRain Turfcore** eliminates all trenches across the field while speeding up construction and reducing installation costs. It consists of a heavy duty impermeable polymeric sheet cusped under heat and pressure to form a high compression, high flow drainage core. The core is cut into separate sheets to allow for expansion and contraction and then reconnected with tape and bonded to a layer of non-woven filter fabric. The filter fabric retains soil, rubber, and/or other particles allowing filtered water to pass into the drainage core. **J-DRain Turfcore** is designed to enhance G-Max performance as well as allowing water to move quickly and effectively to the perimeter drains. This drainage system eliminates any need for costly under field pipes and gravel. **J-DRain Turfcore's** rapid and efficient drainage helps ensure a dry surface and stability.



### Physical Properties

#### Core

#### Fabric

Compressive Strength (ASTMD-1621)	21,000 psf	(1005 kN/m <sup>2</sup> )
Thickness (ASTM-1777)	.40 in.	(10.16 mm.)
In-Plane Flow (ASTMD-4716) (Q&518 psf & Hydraulic gradient = .1)	23 gpm/ft width	(276 lpm/m)

**Roll**

Roll Weight:	300 lbs.	(134 kgs.)
Roll Width:	8.5 ft.	(2.45 meters)
Roll Length:	150 ft.*	(15.24 meters)*

\*Roll length can be made to custom lengths.

Flow (ASTM D-4491)	140 gpm/ft <sup>2</sup>	(5698 lpm/m <sup>2</sup> )
Puncture (ASTM D-4833)	65 lbs.	(.30 kN)
AOS (ASTM D-4751)	70 U.S. Sieve	(.212 mm)
Grab Tensile (ASTM D-4632)	100 lbs.	(.45 kN)
Mullen Burst (ASTM D-3786)	210 PSI	(1447 KpA)
U.V. Resistance (ASTM D-4355)	70% @500 hrs.	

The information contained herein is believed by JDR Enterprises, Inc. to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user.

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