

# BASKETBALL ARTIFICIAL TURF



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# BASKETBALL

## Artificial Turf



Basketball artificial turf is artificial turf specially laid for basketball sports. Basketball is one of the most popular sports in world. During the basketball game, artificial turf is required to have good bounce and can make the basketball bounce up quickly to ensure the smooth progress of the match. If the artificial turf is poor quality, it will affect the bounce of the basketball and further affect the players' state.

So, basketball artificial turf with high density, good bounce and wear resistance is highly recommended.



### Requirements



#### Grass fiber structure:

Wear and tear breakage shall be prevented from affecting the athletes' safety.



#### Grass fiber weight

8800/7400/6600 DTEX



#### Flatness

Smooth surface facilitates the smooth rolling of the basketball.



#### Pile height

10–20 mm



#### Grass fiber density

High density grass fibers are selected to ensure the rebound performance and rebound speed of the basketball.



#### Infill

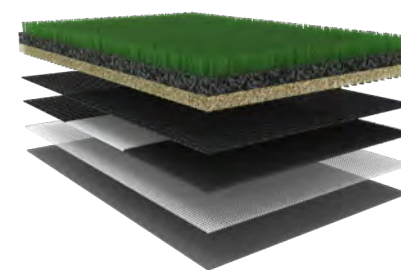
Silica sand infill or non-infill

### Recommendations



#### Basketball

Artificial turf structure



Height:

10–20 mm

Gauge:

1/5", 3/16", 3/4"

DTEX:

7000, 8000, 8800

Density

10500–73500 (tufts/m<sup>2</sup>)

Color



#### Backing

- PP + PP + grid backing
- PP + PET + grid backing
- PP + non-woven fabric + grid backing

#### Coating

- Eco-friendly, recyclable coating
- Recyclable non-adhesive coating
- PU coating
- SBR coating

#### Grass Fiber Recommendations



Stem blade



Fibrillated fiber



S-shape blade



U-shape blade





# BASKETBALL FIELD STANDARD SIZE & AREA

## Basketball field

*Standard Size:*

**Including buffer zone:**

$$[28+(2*2^{[1]})]*[15+(2*2^{[1]})]=608 \text{ m}^2$$

**Excluding buffer zone:**

$$28*15=420 \text{ m}^2$$

**Line width<sup>[2]</sup>:**

5 cm

*Notes:*

<sup>[1]</sup> Buffer zone is 2 m in width.

<sup>[2]</sup> The length and width sizes are sizes including line width.

