

Tennis Kit



XGRASS[®]

1. Turf

XGrass Tennis Turf is the latest technology and uses the latest fiber systems on the market today. XGrass Tennis Turf is made out of 100% polypropylene (PP) fibers and is available in Sports Green and Clay colors. The yarn is a uniquely designed PP that was created specifically for tennis. Each roll is manufactured at 12 feet 2 inches wide in order to guarantee that the rolls will be wide enough to cover the court without missing an inch. The turf is tufted at 12mm / .50" and there are four different types of rolls that are 80', 62', or 32' long. All of the required lines are tufted into the turf and all markings are permanent.

Our XGrass synthetic turf alleviates the constant maintenance that can occur due to cracking and delamination of hard concrete or asphalt courts. In addition, our advanced XGrass Tennis Turf can also help alleviate stress on the body that is attributed to playing on hard court surfaces.



2. Infill

Each tennis court should include around 3 pounds per square foot (20,000-22,000 pounds) of rounded silica sand or acrylic coated sand that is approximately 20-40 sieve size (see attached sand specification). The courts are infilled to the tops of the fibers, but are not rolled.

3. Maintenance

Maintenance of an XGrass tennis court includes keeping it free of debris and redistribution of infill. Maintenance also includes periodic grooming of the turf to fluff and clean the surface. Some of the tools that are helpful for tennis court maintenance include a lute (to level sand during installation and maintenance), a groomer or stiff broom (to brush the turf), and a drag mat (to redistribute the infill during daily maintenance).

4. Base

The base for an XGrass tennis court can be installed over any sound base including (a) an existing tennis court that has been cleaned and has had all cracks sealed, (b) a concrete slab, (c) asphalt, or (d) a crushed stone aggregate base that has been compacted to at least 95% compaction.

5. Seaming

XGrass tennis courts can be seamed together using Oxtape, Mylar, or Cordura in conjunction with APAC 630, AAT 383, Nordot 34-N, or a latex compatible multi-purpose adhesive (such as Henry's).

6. Layout

An XGrass tennis court kit includes four different types of rolls. Each roll is manufactured to include all of the lines and markings that are required for a full size tennis court and the rolls will fit together to form a complete court.

- TCA rolls have double tram lines on each side of the roll. This roll will provide the markings for the singles and doubles play area.
- TCB rolls have a single white line tufted into one side of the roll and will provide the markings for the center service line, outside service line, and hash mark at the base line.
- TCC rolls are solid and are used for areas of the court that do not require any markings.
- TCD rolls have a baseline tufted in and are used to cover the baseline and most of the space beyond the baseline.

7. Installation guide notes:

Split the TCA roll in the center and use each side for the double tram lines. The court should extend out 12' from the outside tram line.

Roll one TCB roll out with the tufted line forming the center service line (42' in the middle of the court). Strip off the rest of the line and save. Strip off the line from the other TCB roll and save it for the service lines.

Roll one 80' TCC roll out down the length of the court (beside the TCB roll with the center service line). You will cut across the TCC roll and the TCB roll in order to insert the service lines that run across the court (they are 27' each). Use the line that was striped from the TCB roll for the service line.

Roll the other TCB roll out on one side and the other 80' TCC roll out on the other side. This will give you all of the in bounds playing area and all rolls will run the same direction (with the exception of the service lines that run across the court).

Roll the TCD rolls out along each base line and cut off the lines that extend out past the in bounds portion of the court. (We advise seaming the entire court together before moving to the areas beyond the base lines).

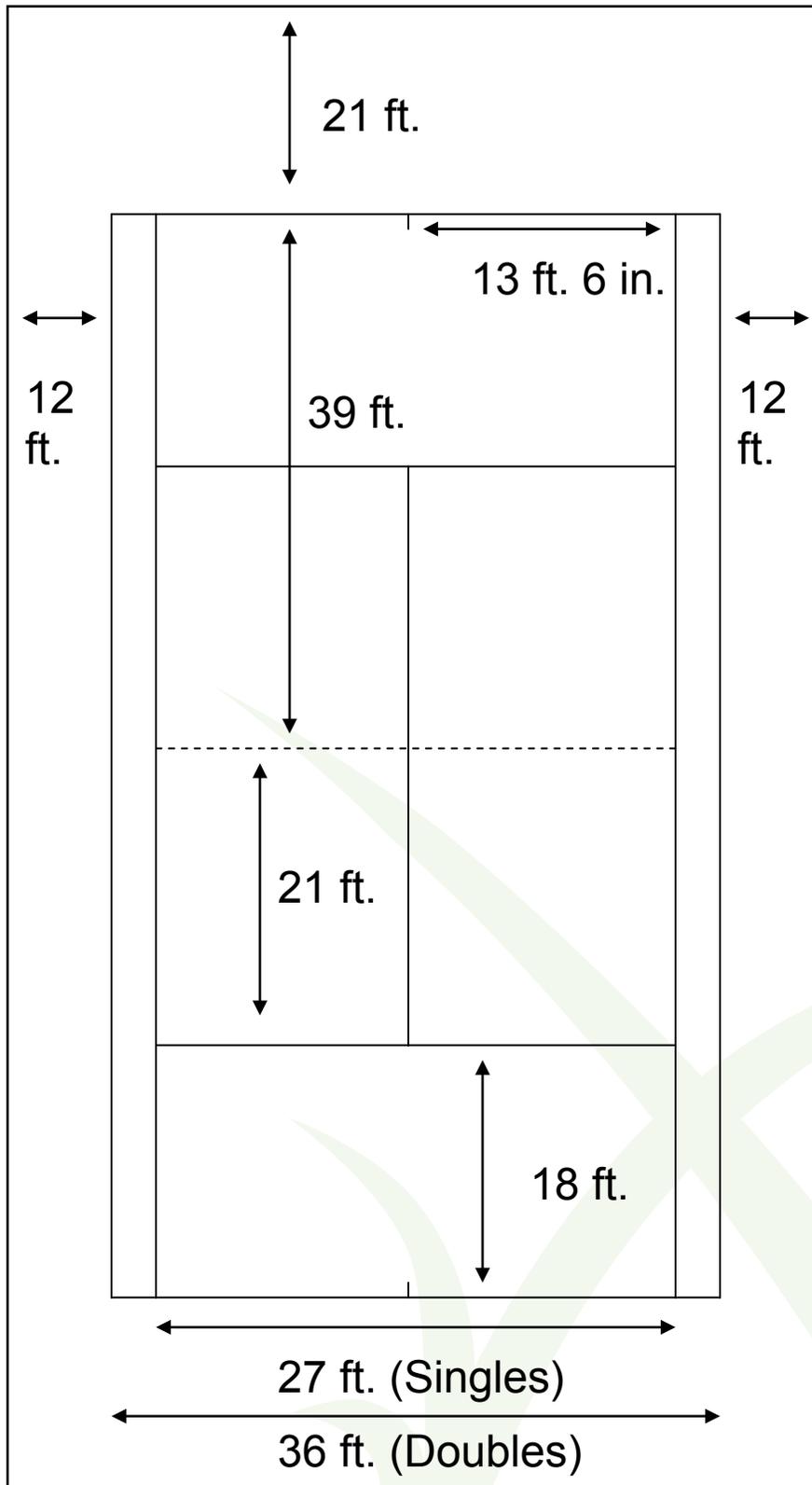
Split the 62' TCC roll at approximately 9' (measure to make sure) and use the 9' part of the roll to cover the rest of area beyond the base line on one of the sides. Use the 3' strip to cover part of the remaining area beyond the other base line.

Split the 32' TCC roll in the center and make a head seam so that the turf covers the entire width of the court.

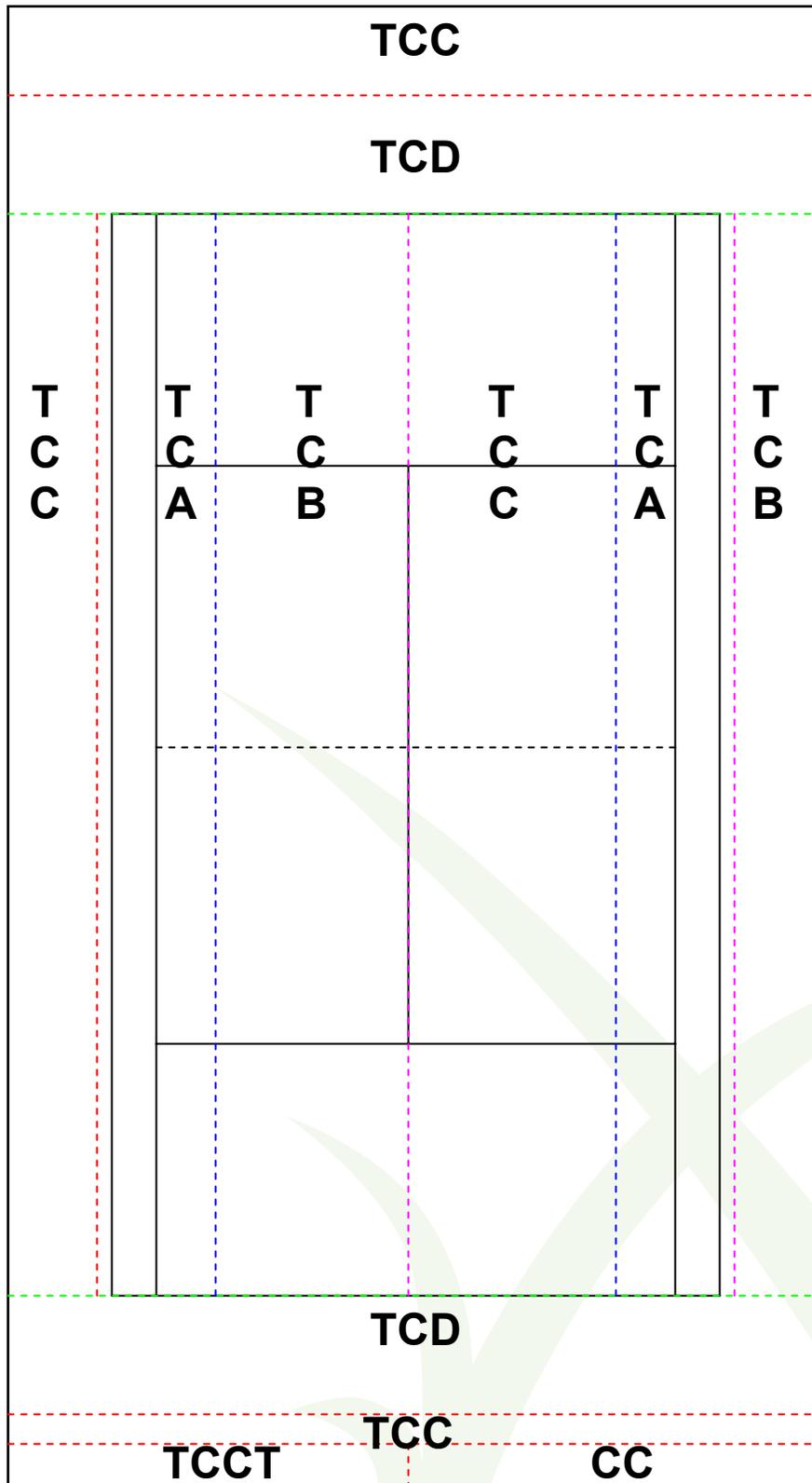
You should now have a complete court that is ready to be infilled.

Standard Tennis Court Dimensions

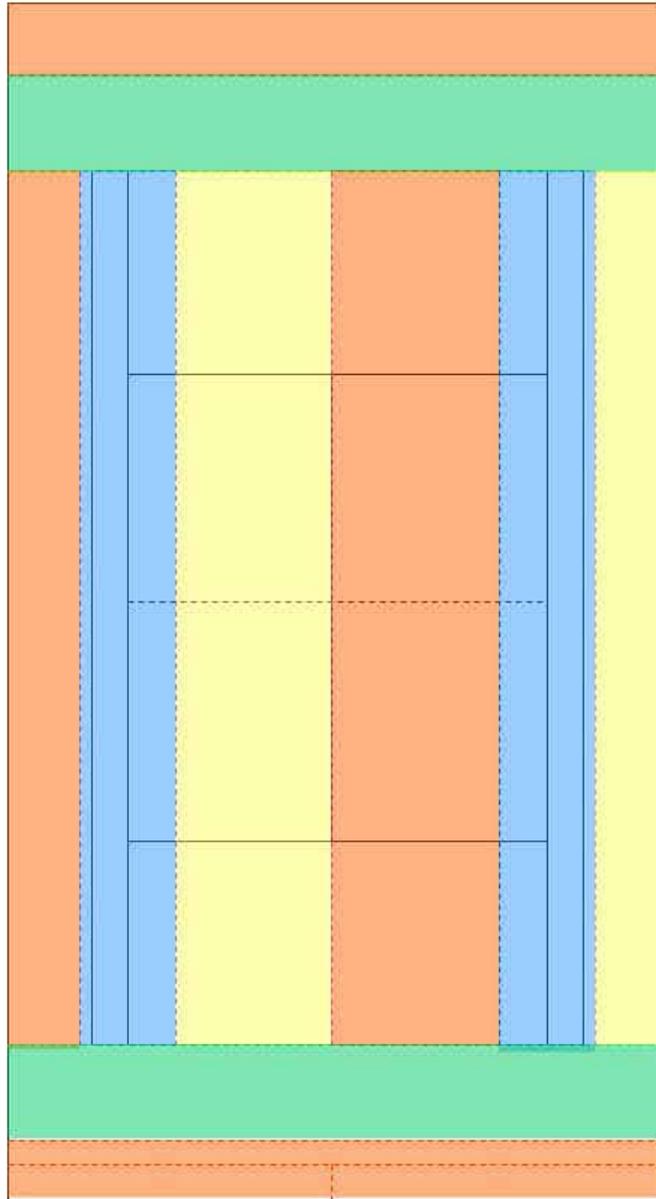
Not to scale.



Tennis court diagram showing roll layout locations
Not to scale.



Color coded tennis court diagrams showing roll locations
Not to scale.



TCA=Blue
TCB = Yellow
TCC = Orange
TCD = Green



Tennis Kit

Face Weight: 32 oz sq yd

Pile Height: .47 inch

Color(s): Sport Green & Clay

Roll Width: 12 ft

Infill recommended: Yes

Property	Imperial Unit	Metric Unit	Description
Fiber Type			100% Polypropylene
Fiber Mass	7600 denier	8400 d tex	Slit Film
Tufted Pile Height*	0.47 in	12.0 mm	
Tufted Face Weight*	32 oz/yd ²	1085 g/m ²	ASTM D418
Tufting Gauge	3/16		
Primary Backing	7.0 oz/yd ²	237 g/m ²	Stabilized woven polypropylene
Secondary Backing	20.0 oz/yd ²	678 g/m ²	Urethane scrapecoat
Total Weight*	59.0 oz/yd ²	2000 g/m ²	ASTM D418
Tufted Roll Width*	12 ft	3.66 m	

* Specifications provided above are tufted measurements. Final measurements can change during backing processes. XGrass is not responsible for typing errors on specifications listed above.

