

INTRODUCTION

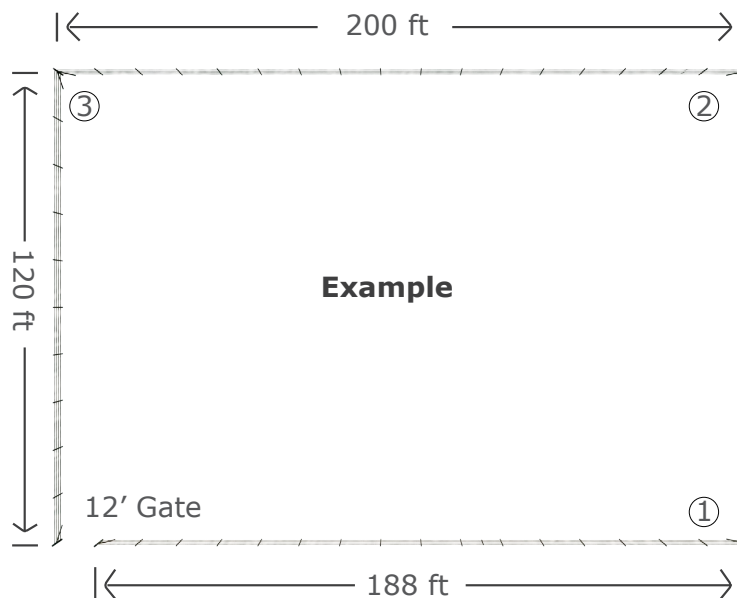
The first step of your installation is having an accurate layout of the site to be fenced.

Your fence utilizes high tensile wires embedded in the polymer that must be tensioned in order to function properly.

This means that all ends and posts that are not in a straight line will have to be braced and concreted to withstand the forces. If you do not follow the manual's instructions for building the ends and corners you will not be satisfied with the appearance or function of the fence.

Also, if you have posts in an abrupt valley, they will have to be concreted as well.

LAYING OUT OF YOUR PROPOSED FENCE



Q How many rail bracket, barrel tensioner, splice plates, and tensioners are needed?

A The horse fencing tape is 328 feet per roll. The perimeter of the fence in the diagram is 628 feet. Two rolls are needed per layer.

1. 3 one-way barrel tensioners and 3 end buckles are needed.
2. 3 splice plates are needed.
3. 6 rail tensioners are needed.
4. 39 fence posts are needed.

$$39 - 2 - 3 = 34$$

$$34 * 3 = 102 \text{ pcs}$$

so need 102pcs rail brackets.

Q How many end assemblies do I need?

A The quantity should be $2 * \text{the number of layers}$.
(For example, if there are three layers, the quantity is 6 pcs.)

Q How many corner assemblies do I need?

A A 3-layers building with 3 corner posts requires 9 corner fittings (number of layers * number of corners).

Q How many line posts do I need?

A 1. add up the footages
 $200+120+188+120=628$

2. divide by the spacing and we have selected to use 8.5 ft.
therefore $328 \text{ ft.} / 8.5 \text{ ft.} = \text{approximately } 39$.
so need 39 posts.

Q How many rolls of horse fencing tape are needed for the fence?

A $1884 \text{ ft (total length)} / 328 \text{ ft} \approx 6 \text{ rolls}$

All required product calculations:

1. Number of Flex rail = Total fence length / Length per roll.
2. Number of plastic brackets = (Number of all fence posts - Number of fence gates * 2 - Number of corner fence posts) * Number of layers
3. Number of end buckles and one-way barrel tensioners = Number of fence gates * Number of layers
4. Number of splice plates: When two fence tapes need to be connected, and it will not exceed the number of fence tape rolls.
5. Tensioners: 1 per roll
6. Number of corner rollers: Corner posts * Number of layers