

NOISEGARD™ MEASURING & INSTALLATION GUIDE

NOT TO SCALE

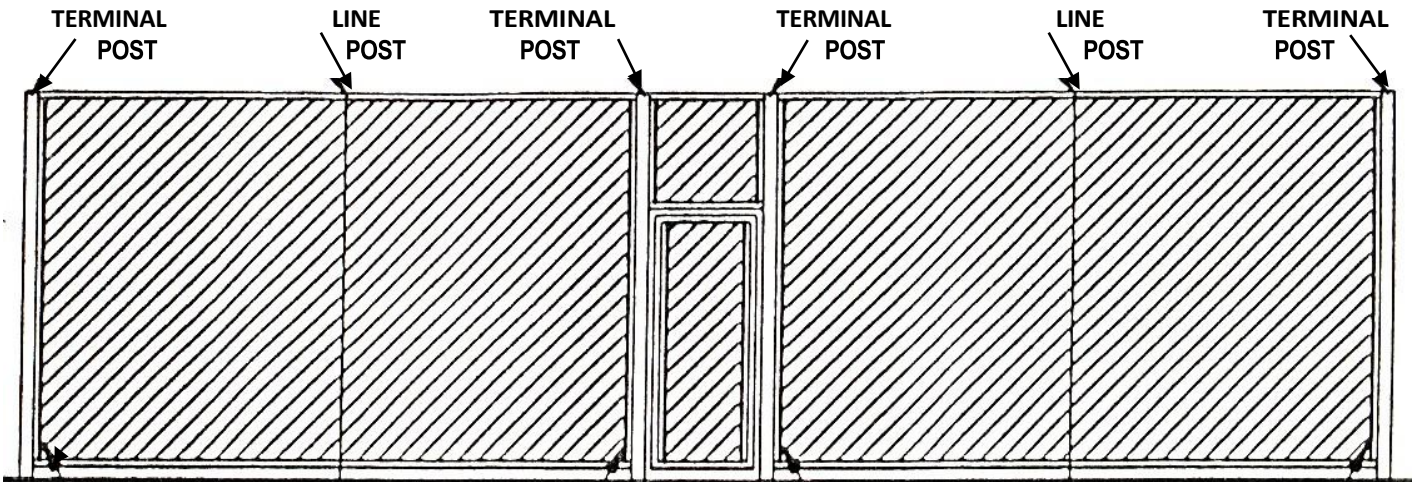


FIGURE 1

HOW TO MEASURE A FENCE FOR NOISEGARD™:

1. Begin measurement at the center of the left-most terminal (corner) post and continue to the next terminal post and note the length (see Figure 1). Make sure that your tape measure is pulled tight for correct measurements.
2. For transoms (fenced area above gates), measure the same way. Measure the middle of the terminal post on the left to the middle of the terminal post on the right and add 2 inches. Then, measure from the middle of the top-rail to the middle of the transoms bottom-rail (above the gap of the door frame).
3. When measuring gate frames, measure from the middle of the side-rail on the left to middle of the right side-rail, and from middle of the gate frame's bottom-rail to the middle of the gate's top-rail.
4. Continue to measure the existing chain-link fence in a clockwise direction. This is the same direction that the NoiseGard panels will be installed. For ease of handling, we recommend that no single panel should weigh more than 50 lbs. This will aid in the ease of installation and the number of people needed to install the NoiseGard panels safely and properly.
5. Then, measure the fence height from the middle of the top-rail to the top of the court's surface and subtract 4 to 6 inches. We strongly recommend that all noise reduction panels are designed and installed at 4 to 6 inches above the court surface. While you may lose a decibel or two of noise reduction, placing the panels directly onto the surface will stop the flow of rainwater run-off and risk severely damaging the court surface and base underneath it.
6. Mark each measurement on a diagram of each court. Send a copy of this diagram to your Putterman Athletics representative when placing orders so each fencing run will be properly labeled when it is shipped. Also, be sure to tag each panel before removing NoiseGard for storage when needed.
7. Exact measurements are necessary (including feet and inches). Do not guess or round-off dimensions. No two fences are identical.

HOW TO INSTALL NOISEGARD™ SYSTEM PANELS:

NOTE: It is always best to have your existing or planned fence inspected and certified by a professional engineer prior to installing NoiseGard.

1. Always begin installing a NoiseGard system in the far-most left corner of the fence and work from there in a clockwise pattern (see picture at right). This will allow you to overlap and Velcro on the right side of panel #1, with the left side of panel #2. Hanging the first panel is always the most critical.

We recommend that NoiseGard Quilted Panel System (QPS) and NoiseGard Mass Loaded Vinyl (MLV) panels be installed using the large S-hooks provided with each system.



2. Place the first S-hook over the top rail to the left corner of where the first panel will be placed. Hook the left-hand corner grommet over the smaller side of the S-hook and then the remaining 4 hooks through the remaining top edge grommets. When installing QPS panels the quilted side should be facing the court surface. The top of the panel will have an information tag attached to it, or a painted logo within 3 feet of the top. If hung properly, there will be a strip of Velcro facing you on the right side of each panel. If this isn't case, rotate the panel 180° and re-hang.
3. Next, place the upper left corner grommet over top the upper right grommet of panel #1 (see picture at right). Then hook the other 4 grommets to the top rail with S-hooks. Unfurl the panel down the fence.

At this point, check the right side of panel #2 and adjust the Velcro connection between panels to assure the panel is aligned and straight.

Once the panels are properly set, go back and ty-wrap the left side of panel 1 to the terminal post.



4. Continue with the next panel in the same fashion as panel two. Panels should be checked on occasion to ensure they are perpendicular to the court surface.
5. When the run of panels has ended at another terminal pole, place the panel on the fence as previously outlined, and ty-wrap off the right side of that panel to the terminal pole.

- When approaching a corner (see picture below), continue connecting the upper left corner of the panel to the previous panel's right side, and then bend the panel into the corner and insert the S-hooks as you work your way to the right corner. Check the level of the panel and adjust as needed.



- To further strengthen the bend in the corner, you can pull the bottom of the panel back to the fence and ty-wrap it in the correct place (see picture at right).



HOW TO INSTALL DOORS AND TRANSOMS:

- When installing NoiseGard over doors and gates, align the panel(s) in the same fashion as full height panels on the fence. Instead of using S-hooks, use ty-raps in all grommet holes to attach the material to the gate frame.
- As for transoms, they should align with the other full panels. If installing with S-hooks, subtract 5 ½ inches from the overall height of the transom.

