

PICKLEBALL NOISE REDUCTION



DDS ACOUSTICAL
SPECIALTIES

Pickleball is a sport that has been sweeping the nation by storm. Clubs and municipalities are undergoing new construction or converting old tennis courts to make room for the surge of demand for Pickleball.

The game enjoyed by people of all ages to play has also been the source of various noise complaints. Often caused by the development or converting of courts nearby residential areas.

At DDS Acoustical Specialties, we've become experts in Pickleball noise. We've designed methods and best practices to mitigate noise and create an environment that all can enjoy.



Noise From Pickleball

Pickleball Noise is a fairly new phenomena. But with basic principles of noise mitigation we can reduce the negative effects that noise has on communities and neighbors. For Example:

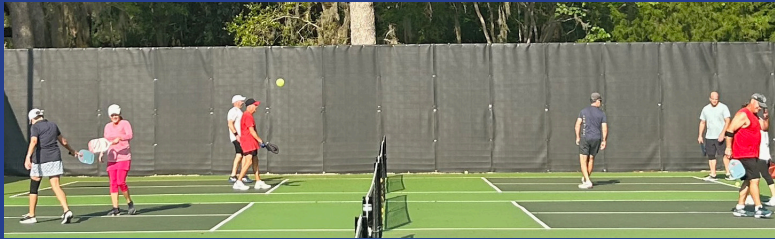
1. Break Line of Sight
2. More Mass = More Noise Blocking
3. The taller and wider the barrier, the less opportunities for flanking noise
4. Place Absorption so that it faces area of receiver



Pickleball Noise Control Options

Material solutions for pickle ball noise control range. The more mass a material has, the better it performs. Then, when you add sound absorption, results are even greater.

At DDS Acoustical Specialties our Pickleball Noise Barriers are manufactured using time tested products. All products are weather, UV, and tear resistant.



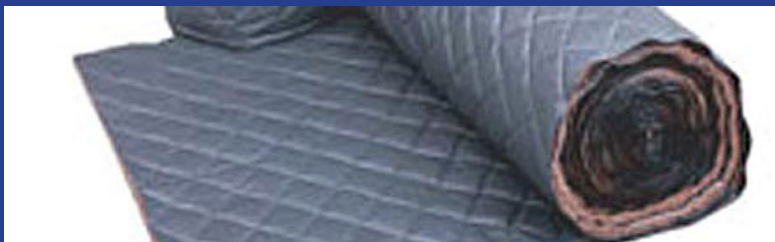
Noise Barrier Panels
Cost - \$
STC - Up to 32

Noise Barrier Panels are manufactured using a .5lb, 1lb, or 2lb/sq. ft. reinforced mass loaded vinyl that is tear, weather, and UV resistant.

Standard Panels are 54" x 120" but can be custom sized for any height fence.

Grommets are placed along the top and bottom edges. Industrial grade Velcro is stitched along the long edge for easy hanging and installation.

Barrier Colors: Black, Gray, Tan, Blue*, Olive*
*Only available with 1lb/sqft products



Barrier + Absorber
Cost - \$\$
STC - Up to 40 NRC - .65

Adding a 1" thick quilted fiberglass absorber to the barrier assembly helps to reduce flanking noise and increase efficiency.

Absorber provided in rolls of 48" x 20' with grommets along the top and bottom.

The product absorbs approximately 65% of noise that hits it.

Absorber Colors: Black, Gray, Tan, Off White



Barrier/Absorber Composite
Cost - \$\$\$
STC - Up to 40 NRC - .65

Using a combination of the above mentioned products. Barrier and absorber are stitched together in a single 54" x 120" panel.

Custom Sizing Available

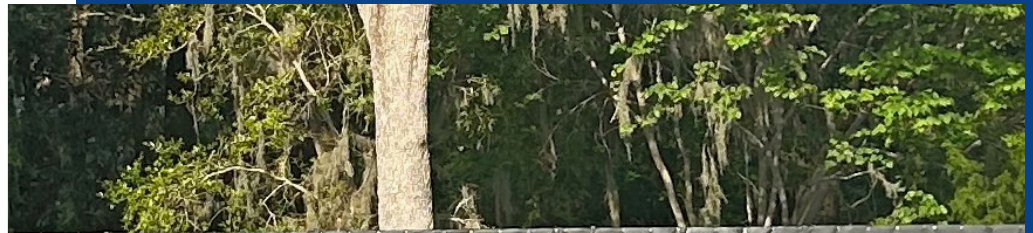
Saves time on installation

Barrier Colors: Black, Gray, Tan, Blue*, Olive*
*Only available with 1lb/sqft products

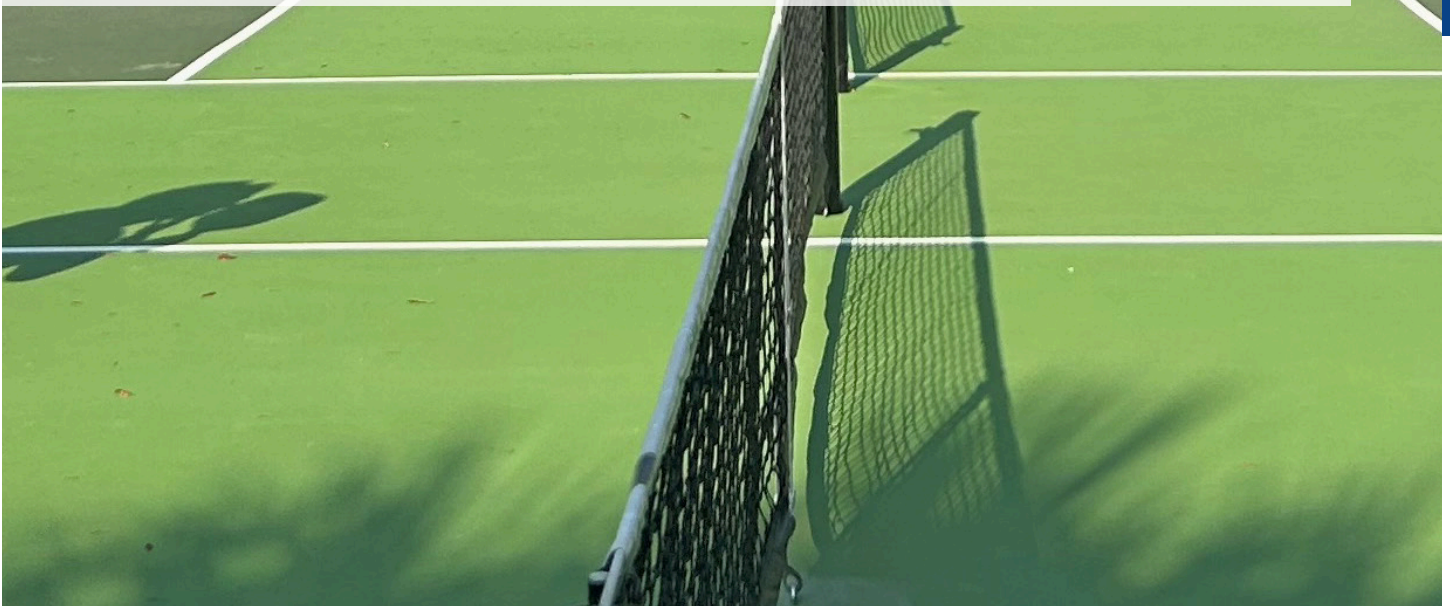
Absorber Colors: Black, Gray, Tan, Off White



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NOISE BARRIER PANELS



**ACOUSTICAL PERFORMANCE:
SOUND TRANSMISSION LOSS PER OCTAVE BAND FREQUENCY**

PRODUCT	OCTAVE BAND FREQUENCIES (HZ)						
	125	250	500	1000	2000	4000	STC
.5lb/sqft	8	13	17	22	27	31	20
1lb/sqft	13	17	22	26	32	37	26
2lb/sqft	16	22	26	32	35	40	32

NOISE BARRIER + ABSORBER



BARRIER/ABSORBER COMPOSITE

