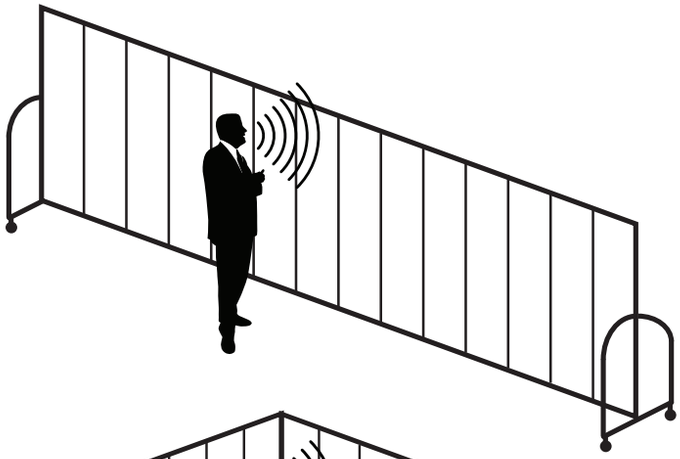
SCREENFLEX PORTABLE ROOM DIVIDERS SOUND ABSORPTION INFORMATION

The Noise Reduction Coefficient assigned to Screenflex Portable Room Dividers is: NRC = 45 for a 6'-0" tall divider.

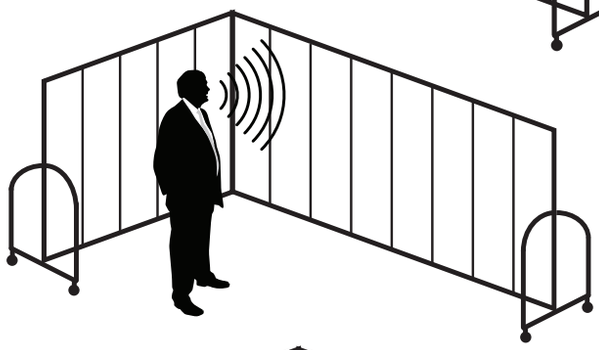
Laboratory sound tests have determined that 6'-0" high Screenflex partitions absorb the following percentage of sound decibel created within the area occupied by the partitions. As the number of 90º partition corners are increased the percentage rate of sound absorption rises as illustrated bellow.

Sound Absorption

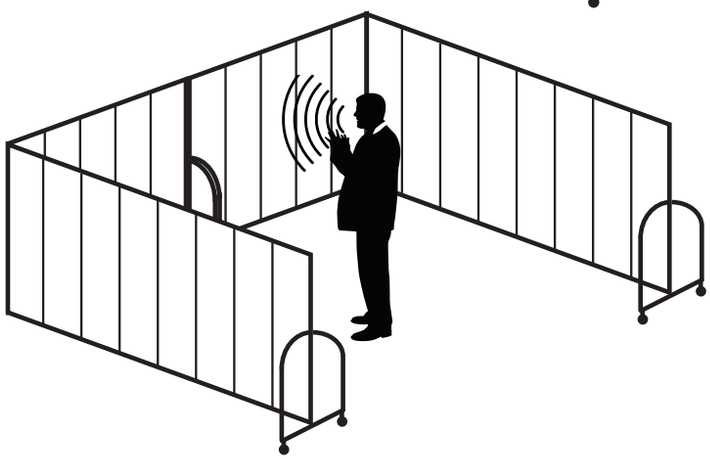
1. Straight Line
Sound Absorption = 45%



2. L Shape One 90º Corner
Sound Absorption = 55%



3. U Shape Two 90º Corners
Sound Absorption = 65%



Note: Sound absorption will obviously INCREASE with dividers taller than 6'-0" and DECREASE with shorter dividers.

Sound tests are conducted using Screenfex 6'-0" high dividers in a chamber with concrete floors, walls, and ceilings. Soft materials in a room like carpet, furniture and drapes will increase the percentage of sound absorbed from that shown. Taller dividers will logically absorb a greater value than the value shown and shorter dividers a lesser value. Also the tests reveal that the dividers absorb the lower frequencies (adult voices) at a greater rate than the high frequencies. Screenflex is not sold or presented as a sound proofing or sound control product. Screenflex products are portable dividers which provide 100% visual control and as an added benefit have some sound absorbing qualities.