

# Sound Absorption Information

Screenflex Portable Room Dividers

NOISE REDUCTION COEFFICIENT

**NRC = .45**

for a 6'-0" tall divider

Laboratory sound tests indicate that a 6'-0" high Screenflex partition absorbs a portion of the sound created within an area occupied by the partition. As additional 90-degree corners are introduced, overall sound absorption increases.

## How configuration affects absorption

1

### Straight line

Sound absorption

**45%**



2

### L-shape - one 90-degree corner

Sound absorption

**55%**



3

### U-shape - two 90-degree corners

Sound absorption

**65%**



### IMPORTANT

**Taller dividers generally increase sound absorption; shorter dividers decrease it.**

Tests were conducted using 6'-0" high dividers in a chamber with concrete floors, walls and ceilings. Furniture, draperies and other room materials can affect actual results. NRC is not a soundproofing rating; Screenflex dividers provide visual separation with the added benefit of sound absorption.