

## Noise Barrier

Barrier materials block noise. Flexible noise barrier is a limp, tough, high-temperature-fused vinyl loaded with non-lead fillers and/or reinforced with high-strength fabric. They resist passage of sound waves and reduce noise transmission.

### Physical Data

|                         |                            |
|-------------------------|----------------------------|
| Weight/Sq.Ft.           | 1 LB                       |
| Tensile (PSI)           | 762                        |
| Gauge (Inches)          | .108"                      |
| Elongation (%)          | 200%                       |
| Die "C" Tear (#/In.)    | 114                        |
| 200 Deg. F/7 Days       | No Deformation: <1% Shrink |
| Mil Std. 6411 Burn Test | 9 (Pass)                   |
| MVS 302 Burn Test       | Pass: Self Extinguished    |
| STC                     | 26                         |

### Noise Transmission Loss:

| Barriers             | Noise Transmission Loss (dB) per Octave Band (HZ) |     |     |      |      |      |     |
|----------------------|---|-----|-----|------|------|------|-----|
|                      | 125   | 250 | 500 | 1000 | 2000 | 4000 | STC |
| 2 lb. PSF            | 16  | 22  | 26  | 32   | 35   | 40   | 31  |
| 1 lb. PSF            | 13  | 17  | 22  | 26   | 32   | 37   | 26  |
| 3/4 lb. PSF          | 11  | 16  | 20  | 25   | 30   | 34   | 23  |
| 1/2 lb. PSF          | 8   | 13  | 17  | 22   | 27   | 31   | 20  |
| Per ASTM: E-90 (90A) |   |     |     |      |      |      |     |

