

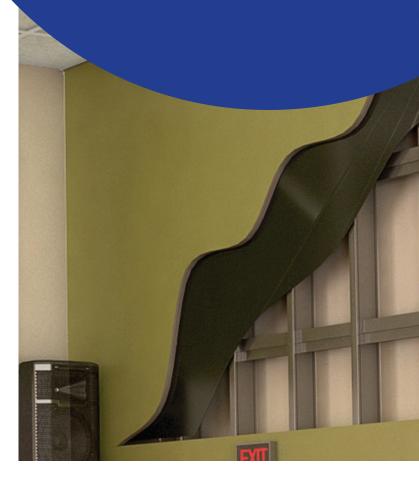
# NCP-104 FLEXIBLE NOISE BARRIERS

Oelex Flexible noise control barriers by Oeler Industries, Inc. are loaded vinyl barriers that combine mass, flexibility, and limpness to block noise from transmitting from one area to another. They are available clear, non-reinforced, and reinforced in a variety of weights and styles to meet a multitude of applications.

- Reinforced barrier is available in tan, blue or gray
- Reinforced barriers have excellent UV
  and weather resistance
- Industrial, commercial, construction, residential and OEM applications
- Used to improve the transmission loss in standard walls

#### SPEC DATA SHEET # NCB-104

4700 Clairton Blvd., Pittsburgh, PA 15236 Tel: (412) 884-3000 • Fax: (412) 884-3300 www.oeler.com • sales@oeler.com



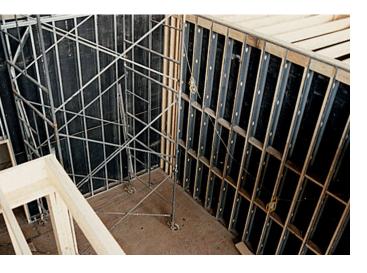


### **FEATURES:**

- · Loaded vinyl noise barriers
- Reinforced, non-reinforced, transparent and foil-faced lag styles
- Mass loaded barriers from 1/2 lb. to 2 lbs. per sq. ft.
- Acoustical ratings: STC-20 thru STC-31
- Limp, flexible, formable, versatile
- High tear and tensile strength
- For industrial, construction, commercial, residential and OEM applications







## Flexible Barriers

Noise Transmission Loss

			Noise Transmission Loss (dB) Per Octave Band (HZ)							
25 25	0 500	) 100	00 200	0 4000						
6 22	26	32	35	40	31					
3 17	22	26	32	37	26					
1 16	20	25	30	34	23					
13	17	22	27	31	20					
	6 22 3 17 1 16	6 22 26 3 17 22 1 16 20 13 17	6 22 26 32 3 17 22 26 1 16 20 25	6 22 26 32 35 3 17 22 26 32 1 16 20 25 30	6 22 26 32 35 40 3 17 22 26 32 37 1 16 20 25 30 34					

Per ASTM: E 90 (90A)

### **Physical Properties**

Product	Nom. Thickness (in.)	Nom. Weight Ib/sq. ft.	Description	Roll Size	Additonal Details
B-10 NR	.107	1.0			
B-5 NR	.042	.5	Non-Reinforced	54" W x	See Bulletin
B-20 NR	.225	2.0		60'L	SS101
B-10 LAG	.090	1.0	Reinforced		
B-5 R	.050	.5			
B-10 LAG	.090	1.0	Foil Faced	54″Wx30′L	See Bulletin SS105
B-10 CV	.160	1.0		<u>16"Wx100'L &amp; 48"Wx60'L</u>	Mounting
B-7.5 CV	.102	.75	Transparent	12"Wx200'L & 48"Wx60'L	Hardware Details
B-5 CV	.080	.5		8"Wx300'L & 48"Wx60'L	See Bulletin SS102
B-10L	.020	1.0	Lead Sheet	48"Wx25'L	SS104
B-10MB	.100	1.0	Marine Barrier	38"Wx45'L	

Additional information on tensile, breaking and tear strengths, elongation, chemical resistance, flammability, etc. available upon request.

The test results reported were obtained using standard laboratory procedures recognized by the technical community. The data is valid as a measurement of the material under specific controlled test conditions. However, this data does not represent an accurate indicator of the performance of the material or of the hazards which they may exist under actual field conditions.

