OELEX
Intelligent Acoustic Solutions

SPEC DATA SHEET # NCB-104

4700 Clairton Blvd., Pittsburgh, PA 15236
Tel: (412) 884-3000 • Fax: (412) 884-3300
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Flexible Noise Barrier

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

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

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Flexible Barriers

Noise Transmission Loss

Barriers	Noise Transmission Loss (dB) Per Octave Band (HZ)						STC
	125	250	500	1000	2000	4000	
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)

Physical Properties

Product	Nom. Thickness(in.)	Nom. Weight lb/sq. ft.	Description	Roll Size	Additional Details
OX-B10NR	0.107	1			
OX-B5NR	0.042	0.5	Non-Reinforced	54" W x	See Bulletin
OX-B20NR	0.225	2		60'L	SS101
OX-B10LAG	0.09	1	Reinforced		
OX-B5R	0.05	0.5			
OX-B10LAG	0.09	1	Foil Faced	54"Wx30'L	See Bulletin SS105
OX-B10CV	0.16	1.0	16"Wx100'L & 48"Wx60'L Mounting		
OX-B7.5CV	0.102	0.75	Transparent	12"Wx200'L & 48"Wx60'L	Hardware Details
OX-B5CV	0.08	0.5		8"Wx300'L & 48"Wx60'L	See Bulletin SS102
OX-B10L	0.02	1	Lead Sheet	48"Wx25'L	SS104
OX-B10MB	0.1	1	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 may exist under actual field conditions.

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