



## SPEC DATA SHEET # OX-NBCT

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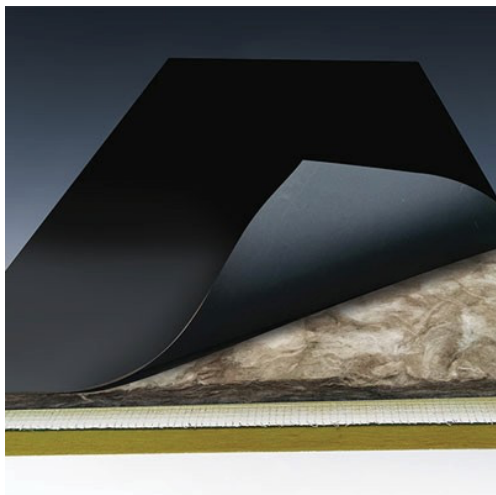
# OX-NBCT SERIES CEILING TILE COVERS

Oelex Noise Barrier Ceiling Tiles are utilized to reduce sound transmission through suspended ceiling tile systems. The "1" Fiberglass/B-10 NR/1" Fiberglass" product combines a flexible 1-lb psf loaded vinyl barrier sandwiched between two layers of 1" fiberglass. This version meets Class A flammability ratings for use in any building.

Traditional acoustical drop ceiling tiles are designed to reduce the echo within a space. They do so by allowing noise to pass through them, from the occupied space below, into the void above the tiles. This means that sound in pipes and ductwork and noise from equipment can also pass through them, disturbing rooms below.

Whether the undesirable sound is conversation or noise from pipes, ducts, and equipment, Oelex Noise Barrier Ceiling Tile Covers make a difference. The most effective ways to minimize noise from HVAC units is to reduce the noise either at its source or along the path.

Noise Barrier Ceiling Tile Covers effectively block sound transmission through ceiling tile systems. They combine a limp barrier layer with an absorber/decoupler to achieve much greater isolation than would be achieved with a layer of insulation alone.



## FEATURES:

- Ceiling tiles are die cut to three sizes:
  - 2'x2'
  - 2'x4'
  - Or 30"x54" - to go over florescent light fixtures, with diagonal slits in corners
- Easy installation, just lay on top of each tiles or light fixture





Intelligent Acoustic Solutions

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**APPLICATIONS:**

Installed over an existing suspended ceiling tile system to offer speech privacy between offices or to keep factory noise out of office areas.

**PRODUCT DATA:**

**Description:** 1" fiberglass/ 1LB-psf non-reinforced loaded vinyl/ 1" fiberglass

**Nominal Thickness:** 2 inches

**Standard Sizes:** 24"x24", 24"x28", or 30"x54"

**Weight:** 1.4 LB psf

**SPECIFICATIONS:**

Specifications can be downloaded from our website <https://www.oeler.com/resources/datasheets> or call us at (412) 884-3000.

**ACOUSTICAL PERFORMANCE:**

**Sound Transmission Loss**

PRODUCT	OCTAVE BAND FREQUENCIES (Hz)							STC
	63"	125	250	500	1000	2000	4000	
OX-NBCT-111	6	12	16	27	40	44	43	29

ATSM E-90 & E 413

\*These are estimated only the ASTM E-90 test does not report at 63

**Sound Absorption Data**

PRODUCT	OCTAVE BAND FREQUENCIES (Hz)							NRC
	125	250	500	1000	2000	4000		
OX-NBCT-111	.19	.99	.96	.80	.57	.33	.85	

ASTM C 423