



ALLIED

454NR

FLEXIBLE NOISE BARRIER

DESCRIPTION

Allied 454NR is a flexible, non-reinforced, mass-loaded vinyl sheeting with a unit weight of 11 lb/ft². It is black in colour. The sheeting exhibits good flexibility and tensile strength.

USE

Allied 454NR is used as a noise barrier sheeting in a variety of industrial, commercial, and residential applications such as:

- Mechanical piping.
- Ductwork.
- Sound separation walls in offices, multi-family dwellings and home & theatres.

APPLICATION

Allied 454NR is usually mechanically fastened or sandwiched between other building materials. On piping it can be installed between layers of mechanical insulation or cladding with wire, banding, or insulation weld pins. In walls it can be fastened to studs with screws, staples, or tacks or it can be installed between layers of drywall.

PHYSICAL PROPERTIES

Weight		16 oz/sq.ft
Thickness		.1" ± 10%
Colour		Matte black
Temperature Range		-20°F to 180°F
Chemical Resistance		Good resistance to grease, oil, dust, dirt, salts and alkalis
Tensile psi	ASTM D412 Die C	400 psi Avg. Min
Elongation %	ASTM D412 Die C	100% Avg. Min
Tear lbs/in	ASTM D624	80 lbs/in Avg. Min
STC		27dB

ACOUSTICAL PROPERTIES

Noise Transmission Loss (dB) (ASTM E-90 Free Hanging)

Frequency	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
	12	18	25	28	29	29	27

PACKAGING

This material is supplied in rolls, 54 inches wide x 240 feet long.

NOTE: Seller's and manufacturer's only obligation shall be to replay such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damaged, direct or consequential, arising out of the use or the inability to use the product. Before using, the user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith.