

## DESCRIPTION

ITW's Mass Loaded Vinyl Noise Barrier is a flexible, non-reinforced mass loaded vinyl that resists the passage of sound waves and reduces the transmission of airborne noise. This mass loaded vinyl is ideal for direct application to the noise source and/or to the housing covering the noise source.

ITW's Vinyl Noise Barrier won't shrink, rot or cause metal corrosion and features a strong resistance to adverse environmental conditions, oils, weak acids and alkalis. The vinyl can be combined with acoustical foams, mineral, glass fiber and ceramic fiber insulation wool to provide lightweight, efficient composites with high transmission losses over a broad frequency range.

In addition, the reduction of airborne noise and mass properties exhibited are attained without the use of hazardous lead or heavy metals.

## STANDARD ROLL SIZE

(By Density)

- 100 (1lb./sq.ft.) - 35.5" x 36'
- 150 (1.5lb./sq.ft.) - Inquire
- 200 (2lb./sq.ft.) - Inquire

## TYPICAL PHYSICAL PROPERTIES

<b>Weight</b>	1 lb/sq. ft.
<b>Tensile Strength</b>	2,750 KPa (400 psi)
<b>Tear Strength</b>	12.5 Kg/cm (70 lbs/in.)
<b>Thickness</b>	.100"
<b>Ultimate Elongation</b>	200%
<b>Flammability</b>	SE "0" in/min.
<b>Temperature Range</b>	-40°F to 180°F

## ACOUSTICAL PROPERTIES

(Per ASTM E-90)

**NOISE TRANSMISSION LOSS (DB)  
FREQUENCY (HZ)**

HZ	125	250	500	1000	2000	4000	STC
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db by density

CP-100	16	17	22	27	31	36	26
CP-150	17	19	25	31	36	44	29
CP-200	16	22	26	32	35	40	31