

## DESCRIPTION

JM'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.

JM'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

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

## TYPICAL PHYSICAL PROPERTIES

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

## ACOUSTICAL PROPERTIES

Noise Transmission Loss (Db) Frequency (Hz) Per ASTM E-90

| HZ     | 125 | 250 | 500 | 1000 | 2000 | 4000 | STC |
|--------|-----|-----|-----|------|------|------|-----|
| 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  |



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Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you for current information.

**All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit [www.jm.com/terms-conditions](http://www.jm.com/terms-conditions) or call (800)654-3103.**