



QuietLite

INDUSTRIAL WINDOWS

When acoustic performance is a requirement,
QuietLite windows are the answer.



NOISE BARRIERS

A DIVISION OF SOUND SEAL

QuietLite

INDUSTRIAL WINDOWS

Ideal for Masonry Construction, Single Wall or Double Wall Drywall Construction

Model "HM" Windows

- Hollow metal design
- Fixed frame or split frame
- STC rating from 48 to 57 (higher for triple-glazed)
- Ballistic/Projectile resistant glazing
- Glazing from 1/4" to 1 - 3/16" thick
- Straight or sloped glass design
- Custom sizes available

Model "U" Windows

- "U" frame design can fit any wall thickness
- STC ratings from 43 to 51
- Ballistic/Projectile resistant glazing
- Aluminum or rubber glazing channels
- Suitable for use with modular panel systems or standard construction
- Custom sizes available



Acoustic Performance Data

Note: STC will increase with thicker glazing and greater air gap between glazing units. Consult with factory.

1/3 Octave Band Center Frequency, Hz

| | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1K | 1.25K | 1.6K | 2K | 2.5K | 3.15K | 4K | 5K | STC |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-------|------|----|------|-------|----|----|-----|
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-------|------|----|------|-------|----|----|-----|

Sound Transmission Loss Data, dB

| | | | | | | | | | | | | | | | | | | | |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| U-4-43 | 25 | 27 | 28 | 32 | 36 | 36 | 39 | 40 | 43 | 45 | 50 | 52 | 49 | 41 | 41 | 46 | 52 | 55 | 43 |
| U-11-51 | 37 | 36 | 37 | 36 | 40 | 42 | 46 | 47 | 51 | 55 | 57 | 59 | 57 | 54 | 57 | 58 | 59 | 59 | 51 |
| UF-6-54 | 37 | 36 | 39 | 40 | 46 | 47 | 48 | 50 | 53 | 55 | 57 | 57 | 58 | 59 | 60 | 61 | 63 | 65 | 54 |
| UF-10-62 | 36 | 41 | 43 | 49 | 53 | 55 | 56 | 59 | 64 | 64 | 66 | 67 | 68 | 68 | 70 | 73 | 75 | 76 | 62 |
| UF-10-64 | 42 | 43 | 43 | 50 | 55 | 58 | 59 | 62 | 66 | 67 | 70 | 70 | 70 | 70 | 73 | 78 | 81 | 80 | 64 |
| HM-BRG-8-48 | 40 | 37 | 36 | 40 | 44 | 44 | 46 | 47 | 49 | 50 | 45 | 44 | 46 | 52 | 55 | 54 | 53 | 56 | 48 |
| HM-4-49 | 35 | 35 | 31 | 32 | 40 | 40 | 44 | 45 | 50 | 53 | 54 | 55 | 56 | 58 | 59 | 60 | 61 | 62 | 49 |
| HM-6-53 | 38 | 38 | 35 | 39 | 43 | 45 | 48 | 49 | 52 | 54 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 64 | 53 |
| HM-11-53 | 39 | 34 | 40 | 39 | 43 | 46 | 51 | 52 | 53 | 55 | 54 | 54 | 57 | 60 | 64 | 66 | 67 | 67 | 53 |
| HM-11-54 | 38 | 38 | 38 | 42 | 45 | 47 | 49 | 49 | 53 | 55 | 55 | 57 | 58 | 59 | 57 | 58 | 59 | 59 | 54 |
| HM-10-62 | 36 | 41 | 43 | 49 | 53 | 55 | 56 | 59 | 64 | 64 | 66 | 67 | 68 | 68 | 70 | 73 | 75 | 76 | 62 |
| HM-10-64 | 42 | 43 | 43 | 50 | 55 | 58 | 59 | 62 | 66 | 67 | 70 | 70 | 70 | 70 | 73 | 78 | 81 | 80 | 64 |
| SF-11-57 | - | 42 | 43 | 48 | 48 | 52 | 54 | 55 | 56 | 54 | 53 | 57 | 58 | 59 | 59 | 61 | 62 | - | 57 |

All tests performed by Riverbank Acoustical Laboratories, an independent NVLAP accredited acoustical testing facility. The test method conforms with ASTM Designations E90-02 and E413-87.



Features

- Ideal for new construction or retrofit applications
- Easy to install
 - All window units are factory glazed
 - 12 gauge steel frame with 16 gauge stops
 - Fixed Frame "HM" or "U" frame designs
 - "Split frame" HM design available
 - Glazing does not need to be removed to install window units
 - Prime-painted standard finish
 - Guaranteed acoustical performance

Applications

- Control Rooms
- Engine Test Cells
- Mechanical Rooms
- Machinery Enclosures
- Factory Offices
- Guard Houses



The Bottom Line:

Our sound control windows start performing the moment they arrive on the job site. Get in touch with us today to discuss your QuietLite Window needs.



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