

QuietLite™

WINDOWS

The finest factory assembled and field proven windows in the noise control industry.

Memtech Acoustics

QuietLite™ 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 64 (higher for triple-glazed)
- Glazing from 1/4" to 1 – 3/16" thick
- Vertical or sloped glass design
- Custom sizes available

Wood Windows

- Similar details to "HM" frame
- Fixed frame or split frame design
- Choice of wood species, absorptive treatment and glazing
- Vertical or sloped glass design
- High STC ratings
- Double glazed
- Custom sizes available

Model "U" Windows

- "U" frame design can fit any wall thickness
- STC ratings from 43 to 64
- 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	-4	24	34	84	85	25	45	55	65	45	35	75	85	95	96	16	2-		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 and fast 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

- Radio/TV Studios
- Control Rooms
- Schools
- Recording Studios
- Engine Test Cells
- Mechanical Rooms
- Machinery Enclosures
- Factory Offices
- Guard Houses





The Bottom Line:

QuietLite windows are in service everywhere from some of the most sophisticated performing arts centers to the most demanding industrial applications, and everywhere in between.

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Have other sound control needs?

Below are some of our other product lines

QuietLine™

BARRIER WALL SYSTEMS



QuietSwing™

ARCHITECTURAL DOORS



QuietLite™

INDUSTRIAL WINDOWS



Memtech Acoustics

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