

ENERGY SAVING PRODUCTS

VERTICAL MULLION DESIGN LOAD CAPACITIES

FOR EXTRUDED ALUMINUM TUBE MULLION (0.125 wall) WHERE USED

APPROXIMATE SIZE OF TUBE TYPE MULLION : 1" x 5" DEEP x 1/8" WALLS

BETWEEN TWO ALUMINUM WINDOWS WHERE THE WIDTH AND HEIGHT ARE SHOWN ON THIS CHART.

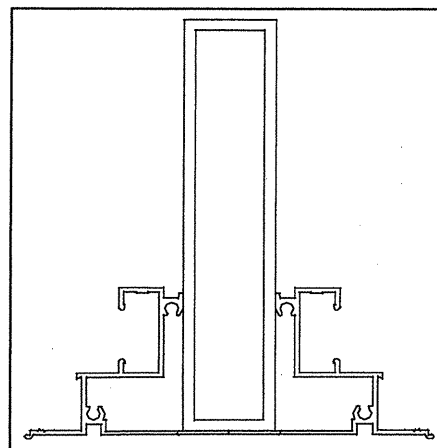
Width ≥	19.125	26.500	32.000	36.000	37.000	40.000	44.000	48.000	53.000
Height v									
26.000	978.4	910.0	910.0	910.0	910.0	910.0	910.0	910.0	910.0
30.000	786.9	693.0	683.5	683.5	683.5	683.5	683.5	683.5	683.5
36.000	608.3	510.2	480.6	474.7	474.7	474.7	474.7	474.7	474.7
38.375	558.2	462.0	429.6	419.3	418.3	417.7	417.7	417.7	417.7
42.000	495.8	403.7	369.7	356.0	353.7	349.5	348.7	348.7	348.7
44.000	467.0	377.5	343.3	328.6	326.0	320.4	317.8	317.8	317.8
48.000	418.4	334.0	300.4	284.8	281.8	274.6	268.9	267.0	267.0
50.625	391.7	310.6	277.6	261.9	258.8	251.1	244.2	240.7	240.0
54.000	361.9	284.8	252.9	237.3	234.2	226.2	217.8	211.1	207.4
56.500	342.6	268.4	237.3	219.0	215.0	204.6	194.2	187.0	182.0
60.000	318.9	244.0	208.7	190.8	187.1	177.4	167.4	160.1	154.1
63.000	295.8	219.9	187.5	170.9	167.4	158.3	148.8	141.6	135.4
66.000	268.7	199.2	169.4	154.0	150.8	142.3	133.3	126.4	120.1
72.000	224.8	165.9	140.4	127.2	124.4	117.0	109.0	102.7	96.7
74.000	212.5	156.7	132.4	119.8	117.2	110.1	102.4	96.3	90.4

NOTES:

1. Chart applies ONLY to aluminum tube mullion when used between two Energy Saving Products aluminum windows.
2. Read window width and height in inches.
3. Window width as shown on X axis of chart are for a single window unit, NOT the overall window assembly width.
4. Chart is not limited to two window units in a single opening, design load capacities apply to any number of window units of sizes listed on chart, in a single opening.
5. Design pressure capacities listed on this chart are in PSF.

MULLION INSTALLATION REQUIREMENTS:

1. Attach mullion to substrate using a minimum one (1) 2" x 2" x 3/16" x 4 11/16" angle clip at each end of mullion.
2. Wood framed openings: Anchor to substrate using #12 wood screws of sufficient length to achieve a minimum embedment of 1 1/2". (See chart on second sheet for quantity of anchors per mullion clip).
3. Masonry openings: Anchor to substrate using 1/4" Dia. Tapcons of sufficient length to achieve a minimum embedment of 1 1/4". (See chart on second sheet for quantity of anchors per mullion clip).
4. Attach window frames to mullion using #8 self tapping sheet metal screws through manufacturers pre-fabricated installation holes.



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