

GENERAL ALUMINUM CORPORATION
HEAVY DUTY VERTICAL MULLION DESIGN LOAD CAPACITY CHART
ALUMINUM MULLION DIE #1445

FLANGE VERTICAL S.H. SIZES

WDW. WTH. > WDW. HGT. V	19.125	26.500	30.500	37.000	48.000	53.125
26.000	1609	1497	1497	1497	1497	1497
38.375	622	515	486	466	465	465
50.625	331	262	241	219	203	203
54.625	279	220	200	180	164	162
55.625	268	211	192	172	156	153
63.000	204	158	143	127	112	108
72.000	153	117	106	92	79	76

CHART APPLIES ONLY TO MULLION #1445 WHEN USED TO MULL FLANGE SINGLE HUNG AND PICTURE WINDOWS.
 READ WINDOW WIDTH AND HEIGHT IN INCHES
 DESIGN PRESSURE VALUES ON THIS CHART ARE IN PSF

PREPARED BY:
PRODUCT & APPLICATION ENGINEERING, INC.
 250 INTERNATIONAL PARKWAY
 SUITE 250
 HEATHROW, FLORIDA 32746
 PHONE 407 805-0365 / FAX 407 805-0366

CA020122
 FEB. 19, 2002
 02-0217

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GENERAL ALUMINUM CORPORATION
HEAVY DUTY VERTICAL MULLION DESIGN LOAD CAPACITY CHART
ALUMINUM MULLION DIE #1445

FLANGE VERTICAL P.W. SIZES

WDW. WTH. > WDW. HGT. V	16.000	24.000	36.000	48.000	53.125	73.000
16.000	1609	1497	1497	1497	1497	1497
24.000	622	515	486	466	465	465
30.000	331	262	241	219	203	203
36.000	279	220	200	180	164	162
48.000	268	211	192	172	156	153
60.000	204	158	143	127	112	108
72.000	153	117	106	92	79	76

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GENERAL ALUMINUM CORP.

HORIZONTAL MULLION DESIGN LOAD CAPACITIES
EXTRUDED ALUMINUM TUBE MULLION #1445
WHEN USED FOR MULLING TRANSOM

FLANGE HORZ. MULLION

MULL SPAN> WDW. HGT. V	53.000	61.000	74.000	96.000	106.250
26.000	222	153	92	38	26
38.375	198	135	80	34	23
50.625	190	126	74	31	21
54.625	189	125	72	30	21
55.625	189	125	72	30	20
63.000	189	124	70	29	20
72.000	189	124	70	28	19

NOTES:

- * CHART APPLIES ONLY TO EXTRUDED ALUMINUM MULLION #1445 USED HORIZONTALLY.
- * CHART ASSUMES TRANSOM HEIGHT TO BE ONE HALF MULLION SPAN.
- * WINDOW HEIGHTS SHOWN ON "Y" AXIS OF CHART DESIGNATE HEIGHT OF WINDOWS BELOW MULLION AND DO NOT INCLUDE TRANSOM HEIGHT.
- * READ MULLION SPAN AND WINDOW HEIGHT IN INCHES.
- * DESIGN PRESSURE VALUES ON THIS CHART ARE IN PSF.

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250 INTERNATIONAL PARKWAY

SUITE 250

HEATHROW, FLORIDA 32746

PHONE 407 805-0365 / FAX 407 805-0366

CA020039

12-Jan-2002

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