










# PACO CORPORATION

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## LOAD TABLE: 19W4 - 1/4" or 22W4 - 3/8"

### MAXIMUM VEHICLE SAFE SPAN

| Bearing Bar Size | Grating weight lbs. per Sq. Ft. |  |  |  |  |  |  |  |
|------------------|---------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  |                                 | H-20 Truck                                                                        | H-15 Truck                                                                        | H-10 Truck                                                                        | Auto Traffic                                                                       | 5 Ton Forklift                                                                      | 3 Ton Forklift                                                                      | 1 Ton Forklift                                                                      |
| 1 x 1/4          | 10.1                            | 1' - 1"                                                                           | 0' - 10"                                                                          | 0' - 8"                                                                           | 1' - 5"                                                                            | 0' - 8"                                                                             | 0'-6"                                                                               | 0'-7"                                                                               |
| 1 x 3/8          | 12.8                            | 1' - 1"                                                                           | 0' - 11"                                                                          | 0' - 9"                                                                           | 1' - 8"                                                                            | 0' - 9"                                                                             | 0' - 7"                                                                             | 0' - 9"                                                                             |
| 1-1/4 x 1/4      | 12.3                            | 1' - 2"                                                                           | 1' - 0"                                                                           | 0' - 10"                                                                          | 2' - 0"                                                                            | 0' - 9"                                                                             | 0'-8"                                                                               | 0'-10"                                                                              |
| 1 1/4 x 3/8      | 15.7                            | 1' - 4"                                                                           | 1' - 1"                                                                           | 1' - 0"                                                                           | 2' - 3"                                                                            | 0' - 11"                                                                            | 0' - 9"                                                                             | 1' - 1"                                                                             |
| 1-1/2 x 1/4      | 14.6                            | 1' - 4"                                                                           | 1' - 2"                                                                           | 1' - 0"                                                                           | 2' - 7"                                                                            | 0' - 11"                                                                            | 0'-10"                                                                              | 1'-1"                                                                               |
| 1 1/2 x 3/8      | 18.7                            | 1' - 6"                                                                           | 1' - 4"                                                                           | 1' - 3"                                                                           | 3' - 0"                                                                            | 1' - 1"                                                                             | 1' - 0"                                                                             | 1' - 6"                                                                             |
| 1-3/4 x 1/4      | 16.9                            | 1' - 7"                                                                           | 1' - 5"                                                                           | 1' - 3"                                                                           | 3' - 3"                                                                            | 1' - 2"                                                                             | 1'-0"                                                                               | 1'-6"                                                                               |
| 1 3/4 x 3/8      | 21.6                            | 1' - 10"                                                                          | 1' - 8"                                                                           | 1' - 6"                                                                           | 3' - 9"                                                                            | 1' - 4"                                                                             | 1' - 3"                                                                             | 1' - 11"                                                                            |
| 2 x 1/4          | 19.1                            | 1' - 10"                                                                          | 1' - 8"                                                                           | 1' - 6"                                                                           | 4' - 0"                                                                            | 1' - 4"                                                                             | 1'-3"                                                                               | 1'-10"                                                                              |
| 2 x 3/8          | 24.5                            | 2' - 1"                                                                           | 2' - 0"                                                                           | 1' - 10"                                                                          | 4' - 5"                                                                            | 1' - 8"                                                                             | 1' - 7"                                                                             | 2' - 6"                                                                             |
| 2-1/4 x 1/4      | 21.4                            | 2' - 1"                                                                           | 1' - 11"                                                                          | 1' - 9"                                                                           | 4' - 6"                                                                            | 1' - 7"                                                                             | 1'-6"                                                                               | 2'-4"                                                                               |
| 2 1/4 x 3/8      | 27.5                            | 2' - 6"                                                                           | 2' - 4"                                                                           | 2' - 3"                                                                           | 5' - 0"                                                                            | 2' - 0"                                                                             | 2' - 0"                                                                             | 3' - 2"                                                                             |
| 2-1/2 x 1/4      | 23.7                            | 2' - 4"                                                                           | 2' - 3"                                                                           | 2' - 1"                                                                           | 5' - 0"                                                                            | 1' - 10"                                                                            | 1'-10"                                                                              | 2'-10"                                                                              |
| 2 1/2 x 3/8      | 30.4                            | 2' - 10"                                                                          | 2' - 9"                                                                           | 2' - 8"                                                                           | 5' - 7"                                                                            | 2' - 4"                                                                             | 2' - 4"                                                                             | 3' - 10"                                                                            |
| 3 x 1/4          | 28.2                            | 3' - 1"                                                                           | 2' - 11"                                                                          | 2' - 11"                                                                          | 6' - 0"                                                                            | 2' - 6"                                                                             | 2'-6"                                                                               | 4'-1"                                                                               |
| 3 x 3/8          | 36.4                            | 3' - 9"                                                                           | 3' - 8"                                                                           | 3' - 9"                                                                           | 6' - 8"                                                                            | 3' - 2"                                                                             | 3' - 4"                                                                             | 4' - 11"                                                                            |
| 4 x 1/4          | 37.3                            | 4' - 10"                                                                          | 4' - 9"                                                                           | 4' - 8"                                                                           | 8' - 1"                                                                            | 4' - 2"                                                                             | 4'-3"                                                                               | 5'-11"                                                                              |
| 4 x 3/8          | 48.2                            | 5' - 6"                                                                           | 5' - 6"                                                                           | 5' - 8"                                                                           | 8' - 11"                                                                           | 5' - 4"                                                                             | 5' - 5"                                                                             | 6' - 7"                                                                             |

This table load is provided for preliminary design computation only and not intended for any other purpose. Weight depends on panel width, cross bar selection, mill tolerance and manufacturing tolerance. Consult NAAMM for exact maximum load weights and specifications. When serrated grating is specified, the depth of the grating required for a specific load will be 1/4" greater than that shown in the load tables. Bearing bars 19/16" or 22/16" on center with cross rods 4" on center.