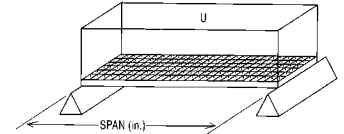


Load Tables - Fibergrate® Molded Gratings

Uniform load tables for alternate thickness Fibergrate grating (3/4x1x4, 3/4x1-1/2x1-1/2, 1-1/4x1-1/2x1-1/2) and Micro-Mesh® 1/2" grating can be found on our website - www.fibergrate.com - under *Products, Molded Grating, Fibergrate Molded Gratings* and click on *Additional Load Tables*.



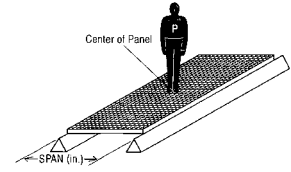
*Also represents load data for Micro-Mesh 1-1/2" deep x 3/4" square top mesh grating (4' x 12') panel.

| MOLDED GRATING UNIFORM LOAD TABLES - DEFLECTION IN INCHES | | | | | | | | | | | | MAX. RECOM. LOAD (psf) | ULTIMATE CAPACITY (psf) |
|---|------------|----------------|------------|------|------|------|------|------|------|------|------|------------------------|-------------------------|
| CLEAR SPAN (in) | STYLE | | LOAD (psf) | | | | | | | | | | |
| | DEPTH (in) | MESH (in x in) | 50 | 65 | 100 | 150 | 200 | 300 | 500 | 1000 | 2000 | | |
| 12 | 5/8 | 1 x 4 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.08 | -- | -- | -- | 1540 | 7720 |
| | 1 | 3/4 x 3/4 | <.01 | <.01 | <.01 | <.01 | 0.01 | 0.02 | 0.03 | 0.06 | 0.12 | 1770 | 8880 |
| | 1 | 3/4 x 4 | <.01 | <.01 | <.01 | <.01 | <.01 | 0.01 | 0.02 | 0.04 | 0.08 | 2800 | 14040 |
| | 1 | 1 x 4 | <.01 | <.01 | <.01 | <.01 | <.01 | 0.01 | 0.02 | 0.05 | 0.09 | 2140 | 10700 |
| | 1 | 1-1/2 x 1-1/2 | <.01 | <.01 | <.01 | <.01 | <.01 | 0.02 | 0.04 | 0.08 | 0.16 | 1420 | 7120 |
| | 1 | 2 x 2 | <.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | -- | -- | -- | 1020 | 5140 |
| | 1-1/2* | 1-1/2 x 1-1/2 | <.01 | <.01 | <.01 | <.01 | <.01 | 0.01 | 0.02 | 0.04 | 0.07 | 3200 | 16000 |
| 2 | 2 x 2 | <.01 | <.01 | <.01 | <.01 | <.01 | <.01 | 0.01 | 0.02 | 0.04 | 3840 | 19240 | |
| 18 | 5/8 | 1 x 4 | 0.05 | 0.07 | 0.11 | 0.16 | 0.22 | -- | -- | -- | -- | 680 | 3410 |
| | 1 | 3/4 x 3/4 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | 0.14 | 0.28 | -- | 780 | 3940 |
| | 1 | 3/4 x 4 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.10 | 0.20 | 0.40 | 1240 | 6200 |
| | 1 | 1 x 4 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.07 | 0.11 | 0.22 | 0.44 | 950 | 4750 |
| | 1 | 1-1/2 x 1-1/2 | 0.02 | 0.02 | 0.04 | 0.06 | 0.08 | 0.11 | 0.2 | 0.38 | -- | 630 | 3170 |
| | 1 | 2 x 2 | 0.04 | 0.05 | 0.08 | 0.11 | -- | -- | -- | -- | -- | 450 | 2290 |
| | 1-1/2* | 1-1/2 x 1-1/2 | <.01 | <.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.07 | 0.14 | 0.28 | 1420 | 7100 |
| 2 | 2 x 2 | <.01 | <.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.09 | 0.17 | 1850 | 9280 | |
| 24 | 5/8 | 1 x 4 | 0.15 | 0.19 | 0.3 | 0.45 | -- | -- | -- | -- | -- | 380 | 1920 |
| | 1 | 3/4 x 3/4 | 0.04 | 0.05 | 0.08 | 0.12 | 0.16 | 0.24 | 0.41 | -- | -- | 440 | 2220 |
| | 1 | 3/4 x 4 | 0.03 | 0.04 | 0.06 | 0.09 | 0.12 | 0.18 | 0.30 | -- | -- | 700 | 3500 |
| | 1 | 1 x 4 | 0.04 | 0.05 | 0.07 | 0.11 | 0.15 | 0.22 | 0.37 | -- | -- | 530 | 2670 |
| | 1 | 1-1/2 x 1-1/2 | 0.06 | 0.08 | 0.12 | 0.19 | 0.25 | 0.37 | -- | -- | -- | 350 | 1780 |
| | 1 | 2 x 2 | 0.11 | 0.14 | 0.21 | 0.32 | -- | -- | -- | -- | -- | 250 | 1280 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | 0.12 | 0.21 | 0.42 | -- | 800 | 4000 |
| 2 | 2 x 2 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.10 | 0.20 | -- | 1040 | 5220 | |
| 30 | 5/8 | 1 x 4 | 0.32 | 0.41 | -- | -- | -- | -- | -- | -- | -- | 240 | 1230 |
| | 1 | 3/4 x 3/4 | 0.10 | 0.13 | 0.20 | 0.29 | 0.39 | -- | -- | -- | -- | 280 | 1400 |
| | 1 | 3/4 x 4 | 0.07 | 0.10 | 0.15 | 0.22 | 0.30 | 0.44 | -- | -- | -- | 440 | 2200 |
| | 1 | 1 x 4 | 0.08 | 0.11 | 0.17 | 0.26 | 0.34 | -- | -- | -- | -- | 340 | 1710 |
| | 1 | 1-1/2 x 1-1/2 | 0.14 | 0.18 | 0.27 | 0.41 | -- | -- | -- | -- | -- | 220 | 1140 |
| | 1 | 2 x 2 | 0.24 | 0.31 | 0.48 | -- | -- | -- | -- | -- | -- | 160 | 820 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.05 | 0.06 | 0.09 | 0.14 | 0.18 | 0.27 | 0.46 | -- | -- | 510 | 2560 |
| 2 | 2 x 2 | 0.02 | 0.03 | 0.05 | 0.07 | 0.09 | 0.14 | 0.26 | 0.45 | -- | 660 | 3340 | |
| 36 | 1 | 3/4 x 3/4 | 0.20 | 0.26 | 0.40 | -- | -- | -- | -- | -- | -- | 190 | 990 |
| | 1 | 3/4 x 4 | 0.15 | 0.20 | 0.31 | 0.46 | -- | -- | -- | -- | -- | 310 | 1500 |
| | 1 | 1 x 4 | 0.16 | 0.21 | 0.32 | 0.49 | -- | -- | -- | -- | -- | 230 | 1180 |
| | 1 | 1-1/2 x 1-1/2 | 0.31 | 0.40 | -- | -- | -- | -- | -- | -- | -- | 150 | 790 |
| | 1 | 2 x 2 | 0.46 | -- | -- | -- | -- | -- | -- | -- | -- | 110 | 570 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.1 | 0.13 | 0.20 | 0.30 | 0.40 | -- | -- | -- | -- | 350 | 1770 |
| | 2 | 2 x 2 | 0.04 | 0.06 | 0.09 | 0.13 | 0.18 | 0.26 | 0.44 | -- | -- | 460 | 2320 |
| 42 | 1 | 3/4 x 3/4 | 0.37 | 0.48 | -- | -- | -- | -- | -- | -- | -- | 140 | 720 |
| | 1 | 3/4 x 4 | 0.28 | 0.37 | -- | -- | -- | -- | -- | -- | -- | 220 | 1100 |
| | 1 | 1 x 4 | 0.33 | 0.43 | -- | -- | -- | -- | -- | -- | -- | 170 | 870 |
| | 1 | 1-1/2 x 1-1/2 | 0.49 | -- | -- | -- | -- | -- | -- | -- | -- | 110 | 580 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.17 | 0.22 | 0.34 | -- | -- | -- | -- | -- | -- | 260 | 1300 |
| | 2 | 2 x 2 | 0.08 | 0.10 | 0.16 | 0.24 | 0.32 | 0.47 | -- | -- | -- | 340 | 1700 |
| 46 | 1 | 1 x 4 | 0.48 | -- | -- | -- | -- | -- | -- | -- | 140 | 720 | |
| 48 | 1 | 3/4 x 4 | 0.48 | -- | -- | -- | -- | -- | -- | -- | 170 | 800 | |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.28 | 0.37 | -- | -- | -- | -- | -- | -- | 200 | 1000 | |
| | 2 | 2 x 2 | 0.14 | 0.18 | 0.28 | 0.42 | -- | -- | -- | -- | 260 | 1300 | |
| 54 | 1-1/2* | 1-1/2 x 1-1/2 | 0.42 | -- | -- | -- | -- | -- | -- | -- | 150 | 790 | |
| | 2 | 2 x 2 | 0.21 | 0.27 | 0.42 | -- | -- | -- | -- | -- | 200 | 1030 | |
| 60 | 2 | 2 x 2 | 0.37 | 0.47 | -- | -- | -- | -- | -- | -- | 160 | 830 | |

NOTES:

1. All gratings were tested in accordance with the ANSI Standard: FRP Composites Grating Manual for Pultruded and Molded Grating and Stair Treads.
2. Maximum Recommended Load represents a 5:1 factor of safety on Ultimate Capacity.
3. For covered grating use a multiplier of 0.5. This is limited to gratings of 1" - 2" depths. It is not recommended covering 3/4" or 1/2" gratings.
3. Max recommended and ultimate loads do not change as a result of adding a 1/8" deep covered plate.

Load Tables - Fibergrate® Molded Gratings



Alternate thickness Fibergrate grating concentrated point load tables (1-1/4x1-1/2x1-1/2) can be found on our website - www.fibergrate.com - under *Products, Molded Grating, Fibergrate Molded Gratings* and click on *Additional Load Tables*.

* Also represents load data for Micro-Mesh 1-1/2" deep x 3/4" square top mesh grating (4' x 12') panel.

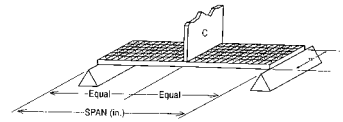
| MOLDED GRATING CONCENTRATED POINT LOAD TABLES - Deflection in Inches | | | | | | | | | |
|--|------------|----------------|-----------|------|------|------|------|------|------|
| CLEAR SPAN (in) | STYLE | | LOAD (lb) | | | | | | |
| | DEPTH (in) | MESH (in x in) | 50 | 100 | 200 | 300 | 500 | 1000 | 2000 |
| 18 | 5/8 | 1 x 4 | 0.08 | 0.16 | 0.32 | 0.48 | -- | -- | -- |
| | 1 | 1 x 4 | <.01 | 0.01 | 0.02 | 0.03 | 0.06 | 0.11 | 0.22 |
| | 1 | 1-1/2 x 1-1/2 | <.01 | 0.01 | 0.03 | 0.04 | 0.07 | 0.14 | 0.27 |
| | 1 | 2 x 2 | 0.04 | 0.08 | 0.16 | 0.24 | 0.40 | -- | -- |
| | 1-1/2* | 1-1/2 x 1-1/2 | <.01 | <.01 | 0.01 | 0.02 | 0.03 | 0.06 | 0.13 |
| | 2 | 2 x 2 | <.01 | <.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.1 |
| 24 | 5/8 | 1 x 4 | 0.19 | 0.38 | -- | -- | -- | -- | -- |
| | 1 | 1 x 4 | 0.01 | 0.02 | 0.05 | 0.07 | 0.12 | 0.24 | 0.49 |
| | 1 | 1-1/2 x 1-1/2 | 0.01 | 0.03 | 0.05 | 0.08 | 0.13 | 0.26 | -- |
| | 1 | 2 x 2 | 0.1 | 0.19 | 0.38 | -- | -- | -- | -- |
| | 1-1/2* | 1-1/2 x 1-1/2 | <.01 | 0.01 | 0.02 | 0.03 | 0.06 | 0.12 | 0.23 |
| | 2 | 2 x 2 | <.01 | <.01 | 0.01 | 0.02 | 0.04 | 0.07 | 0.14 |
| 30 | 5/8 | 1 x 4 | 0.37 | -- | -- | -- | -- | -- | -- |
| | 1 | 1 x 4 | 0.02 | 0.05 | 0.09 | 0.14 | 0.23 | 0.45 | -- |
| | 1 | 1-1/2 x 1-1/2 | 0.03 | 0.05 | 0.1 | 0.15 | 0.26 | -- | -- |
| | 1 | 2 x 2 | 0.19 | 0.37 | -- | -- | -- | -- | -- |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.01 | 0.02 | 0.04 | 0.06 | 0.1 | 0.2 | -- |
| | 2 | 2 x 2 | <.01 | 0.01 | 0.02 | 0.03 | 0.06 | 0.12 | 0.23 |
| 36 | 1 | 1 x 4 | 0.04 | 0.07 | 0.14 | 0.21 | 0.35 | -- | -- |
| | 1 | 1-1/2 x 1-1/2 | 0.03 | 0.07 | 0.14 | 0.2 | 0.34 | -- | -- |
| | 1 | 2 x 2 | 0.32 | -- | -- | -- | -- | -- | -- |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.02 | 0.03 | 0.06 | 0.09 | 0.15 | 0.3 | -- |
| | 2 | 2 x 2 | <.01 | 0.01 | 0.03 | 0.04 | 0.07 | 0.15 | 0.29 |
| 42 | 1 | 1 x 4 | 0.05 | 0.11 | 0.21 | 0.32 | -- | -- | -- |
| | 1 | 1-1/2 x 1-1/2 | 0.06 | 0.12 | 0.23 | 0.35 | -- | -- | -- |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.02 | 0.04 | 0.09 | 0.13 | 0.22 | 0.44 | -- |
| | 2 | 2 x 2 | 0.01 | 0.02 | 0.05 | 0.08 | 0.12 | 0.25 | 0.5 |
| 46 | 1 | 1 x 4 | 0.07 | 0.13 | 0.26 | 0.39 | -- | -- | -- |
| | 1 | 1-1/2 x 1-1/2 | 0.07 | 0.14 | 0.28 | 0.42 | -- | -- | -- |
| 48 | 1-1/2* | 1-1/2 x 1-1/2 | 0.03 | 0.06 | 0.12 | 0.18 | 0.29 | -- | -- |
| | 2 | 2 x 2 | 0.01 | 0.03 | 0.06 | 0.09 | 0.15 | 0.3 | -- |
| 54 | 1-1/2* | 1-1/2 x 1-1/2 | 0.04 | 0.07 | 0.15 | 0.22 | 0.37 | -- | -- |
| 58 | 1-1/2* | 1-1/2 x 1-1/2 | 0.04 | 0.08 | 0.17 | 0.25 | 0.42 | -- | -- |

NOTES:

1. All gratings were tested in accordance with the ANSI Standard: FRP Composites Grating Manual for Pultruded and Molded Grating and Stair Treads.
2. For covered grating use a multiplier of 0.5. This is limited to gratings of 1" - 2" depths. It is not recommended covering 3/4" or 1/2" gratings.
3. Max recommended and ultimate loads do not change as a result of adding a 1/8" deep covered plate.

Load Tables - Fibergrate® Molded Gratings

Concentrated line load tables for alternate thickness Fibergrate grating (3/4x1x4, 3/4x1-1/2x1-1/2, 1-1/4x1-1/2x1-1/2) and Micro-Mesh® 1/2" grating can be found on our website - www.fibergrate.com - under *Products, Molded Grating, Fibergrate Molded Gratings* and click on *Additional Load Tables*.



* Also represents load data for Micro-Mesh 1-1/2" deep x 3/4" square top mesh grating (4' x 12') panel.

| MOLDED GRATING CONCENTRATED LINE LOAD TABLES - DEFLECTION IN INCHES | | | | | | | | | | MAX RECOM. LOAD (lbs/ft) | ULTIMATE CAPACITY (lbs/ft) |
|---|------------|----------------|-----------------------|------|------|------|------|------|------|--------------------------|----------------------------|
| CLEAR SPAN (in) | STYLE | | LOAD (lb/ft of width) | | | | | | | | |
| | DEPTH (in) | MESH (in x in) | 50 | 100 | 200 | 300 | 500 | 1000 | 2000 | | |
| 12 | 5/8 | 1 x 4 | 0.02 | 0.04 | 0.09 | 0.13 | -- | -- | -- | 770 | 3860 |
| | 1 | 3/4 x 3/4 | <.01 | <.01 | 0.02 | 0.03 | 0.05 | 0.1 | 0.2 | 880 | 4440 |
| | 1 | 3/4 x 4 | <.01 | <.01 | 0.01 | 0.02 | 0.03 | 0.07 | 0.13 | 1400 | 7020 |
| | 1 | 1 x 4 | <.01 | 0.01 | 0.02 | 0.02 | 0.04 | 0.08 | -- | 1070 | 5350 |
| | 1 | 1-1/2 x 1-1/2 | <.01 | 0.01 | 0.03 | 0.04 | 0.06 | 0.13 | -- | 710 | 3560 |
| | 1 | 2 x 2 | 0.02 | 0.03 | 0.06 | 0.09 | -- | -- | -- | 510 | 2570 |
| | 1-1/2* | 1-1/2 x 1-1/2 | <.01 | <.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.11 | 1600 | 8000 |
| 2 | 2 x 2 | <.01 | <.01 | <.01 | 0.01 | 0.02 | 0.03 | 0.06 | 1920 | 9620 | |
| 18 | 5/8 | 1 x 4 | 0.06 | 0.12 | 0.23 | 0.35 | -- | -- | -- | 510 | 2560 |
| | 1 | 3/4 x 3/4 | 0.01 | 0.03 | 0.06 | 0.09 | 0.15 | 0.29 | -- | 590 | 2960 |
| | 1 | 3/4 x 4 | 0.01 | 0.02 | 0.04 | 0.06 | 0.11 | 0.21 | 0.43 | 930 | 4680 |
| | 1 | 1 x 4 | 0.01 | 0.02 | 0.05 | 0.07 | 0.12 | 0.23 | -- | 710 | 3560 |
| | 1 | 1-1/2 x 1-1/2 | 0.02 | 0.04 | 0.08 | 0.12 | 0.2 | 0.41 | -- | 470 | 2370 |
| | 1 | 2 x 2 | 0.04 | 0.08 | 0.16 | -- | -- | -- | -- | 340 | 1710 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.01 | 0.02 | 0.03 | 0.05 | 0.08 | 0.15 | 0.3 | 1060 | 5330 |
| 2 | 2 x 2 | <.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.09 | 0.18 | 1390 | 6960 | |
| 24 | 5/8 | 1 x 4 | 0.12 | 0.24 | 0.48 | -- | -- | -- | -- | 380 | 1920 |
| | 1 | 3/4 x 3/4 | 0.03 | 0.07 | 0.13 | 0.2 | 0.33 | -- | -- | 440 | 2220 |
| | 1 | 3/4 x 4 | 0.02 | 0.05 | 0.10 | 0.15 | 0.24 | 0.48 | -- | 700 | 3510 |
| | 1 | 1 x 4 | 0.03 | 0.06 | 0.12 | 0.18 | 0.3 | -- | -- | 530 | 2670 |
| | 1 | 1-1/2 x 1-1/2 | 0.05 | 0.1 | 0.2 | 0.3 | 0.49 | -- | -- | 350 | 1780 |
| | 1 | 2 x 2 | 0.09 | 0.17 | -- | -- | -- | -- | -- | 250 | 1280 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.02 | 0.03 | 0.07 | 0.1 | 0.17 | 0.33 | -- | 800 | 4000 |
| 2 | 2 x 2 | 0.01 | 0.02 | 0.03 | 0.05 | 0.08 | 0.16 | -- | 1040 | 5220 | |
| 30 | 5/8 | 1 x 4 | 0.2 | 0.41 | -- | -- | -- | -- | -- | 300 | 1530 |
| | 1 | 3/4 x 3/4 | 0.06 | 0.13 | 0.25 | 0.38 | -- | -- | -- | 350 | 1770 |
| | 1 | 3/4 x 4 | 0.05 | 0.09 | 0.19 | 0.28 | 0.47 | -- | -- | 560 | 2800 |
| | 1 | 1 x 4 | 0.05 | 0.11 | 0.22 | 0.32 | -- | -- | -- | 420 | 2140 |
| | 1 | 1-1/2 x 1-1/2 | 0.09 | 0.18 | 0.35 | -- | -- | -- | -- | 280 | 1420 |
| | 1 | 2 x 2 | 0.15 | 0.31 | -- | -- | -- | -- | -- | 200 | 1020 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.03 | 0.06 | 0.12 | 0.18 | 0.29 | -- | -- | 640 | 3200 |
| 2 | 2 x 2 | 0.01 | 0.03 | 0.06 | 0.09 | 0.14 | 0.29 | -- | 830 | 4180 | |
| 36 | 5/8 | 1 x 4 | 0.32 | -- | -- | -- | -- | -- | -- | 250 | 1270 |
| | 1 | 3/4 x 3/4 | 0.11 | 0.21 | 0.42 | -- | -- | -- | -- | 290 | 1480 |
| | 1 | 3/4 x 4 | 0.08 | 0.16 | 0.33 | 0.49 | -- | -- | -- | 460 | 2340 |
| | 1 | 1 x 4 | 0.09 | 0.17 | 0.34 | -- | -- | -- | -- | 350 | 1780 |
| | 1 | 1-1/2 x 1-1/2 | 0.16 | 0.33 | -- | -- | -- | -- | -- | 230 | 1180 |
| | 1 | 2 x 2 | 0.25 | 0.49 | -- | -- | -- | -- | -- | 170 | 850 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.05 | 0.11 | 0.21 | 0.32 | -- | -- | -- | 530 | 2660 |
| 2 | 2 x 2 | 0.02 | 0.05 | 0.09 | 0.14 | 0.23 | 0.47 | -- | 690 | 3480 | |
| 42 | 1 | 3/4 x 3/4 | 0.17 | 0.34 | -- | -- | -- | -- | -- | 250 | 1260 |
| | 1 | 3/4 x 4 | 0.13 | 0.26 | -- | -- | -- | -- | -- | 400 | 2000 |
| | 1 | 1 x 4 | 0.15 | 0.3 | -- | -- | -- | -- | -- | 300 | 1520 |
| | 1 | 1-1/2 x 1-1/2 | 0.26 | 0.45 | -- | -- | -- | -- | -- | 200 | 1010 |
| | 1 | 2 x 2 | 0.38 | -- | -- | -- | -- | -- | -- | 140 | 730 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.08 | 0.16 | 0.32 | 0.47 | -- | -- | -- | 450 | 2280 |
| 2 | 2 x 2 | 0.04 | 0.07 | 0.14 | 0.22 | 0.36 | -- | -- | 590 | 2980 | |
| 46 | 1 | 1 x 4 | 0.20 | 0.40 | -- | -- | -- | -- | -- | 270 | 1390 |
| | 1 | 1-1/2 x 1-1/2 | 0.32 | -- | -- | -- | -- | -- | -- | 180 | 900 |
| 48 | 1 | 3/4 x 3/4 | 0.25 | -- | -- | -- | -- | -- | -- | 220 | 1110 |
| | 1 | 3/4 x 4 | 0.19 | 0.39 | -- | -- | -- | -- | -- | 350 | 1750 |
| | 1-1/2* | 1-1/2 x 1-1/2 | 0.11 | 0.23 | 0.45 | -- | -- | -- | -- | 400 | 2000 |
| 2 | 2 x 2 | 0.06 | 0.11 | 0.22 | 0.33 | -- | -- | -- | 520 | 2610 | |
| 54 | 1-1/2* | 1-1/2 x 1-1/2 | 0.15 | 0.3 | -- | -- | -- | -- | -- | 350 | 1770 |
| | 2 | 2 x 2 | 0.07 | 0.15 | 0.3 | 0.45 | -- | -- | -- | 460 | 2320 |
| 60 | 2 | 2 x 2 | 0.12 | 0.23 | 0.47 | -- | -- | -- | 410 | 2090 | |

NOTES:

1. All gratings were tested in accordance with the ANSI Standard: FRP Composites Grating Manual for Pultruded and Molded Grating and Stair Treads.
2. Maximum Recommended Load represents a 5:1 factor of safety on Ultimate Capacity.
3. Max recommended and ultimate loads do not change as a result of adding a 1/8" deep covered plate.
4. For covered grating use a multiplier of 0.5. This is limited to gratings of 1" - 2" depths. It is not recommended covering 3/4" or 1/2" gratings.