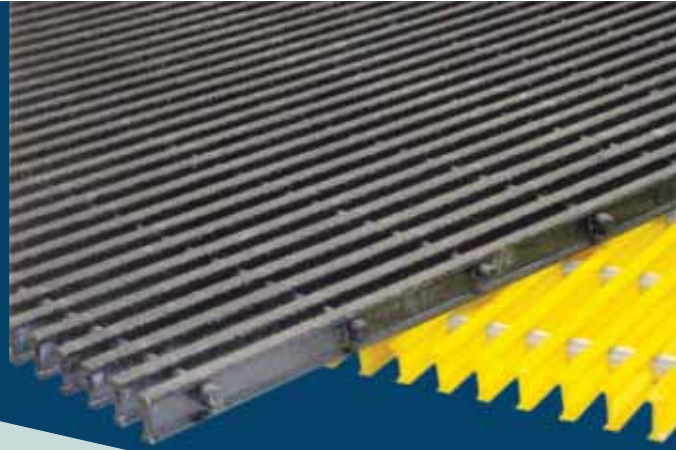


FRP PULTRUDED GRATINGS



SELECTION & DESCRIPTION

| CODE | BEARING BAR | BAR WIDTH | BAR SPACING | OPEN SPACE | WEIGHT KG/M2 | OPEN AREA |
|---------|-------------|-----------|-------------|------------|--------------|-----------|
| GI-6010 | "I" H=25,4 | 15.2 mm | 38.1 mm | 22,9 mm | 11.0 | 60% |
| GT-3310 | "T" H=25,4 | 38.1 mm | 50.8 mm | 12,7 mm | 12.2 | 33% |
| GI-5015 | "I" H=38,4 | 15.2 mm | 30.5 mm | 15,2 mm | 19.1 | 50% |
| GI-6015 | "I" H=38,1 | 15.2 mm | 38.1 mm | 22,9 mm | 16.1 | 60% |
| GT-3320 | "T" H=50,8 | 25.4 mm | 38.1 mm | 12,7 mm | 19.5 | 33% |
| GT-5020 | "T" H=50,8 | 25.4 mm | 50.8 mm | 25,4 mm | 15.1 | 50% |



RESIN SELECTION

Eurograte pultruded gratings are manufactured using two resin formulations that are suitable for most of the industrial applications. Both resin systems provide superior corrosion resistance compared to metal gratings.



ISOPHTHALIC RESIN SYSTEM

This resin formulation provides a flame spread rating of less than 25 according to ASTM E84norm. Gratings in this resin formulation are designed to be used in moderate corrosive environments where splashes and spills of harsh chemicals are likely. Standard color is yellow.



VINYL ESTER RESIN SYSTEM

This resin formulation provides a flame spread rating of less than 25 according to ASTM E84 norm. Gratings in this resin formulation are designed to be used in highly corrosive environments where the contact of harsh chemicals is frequent. Standard color is grey.

LOAD TABLES 38.1 MM THICKNESS GRATINGS

| SPAN | CODE | UNIFORMLY DISTRIBUTED LOAD (KG/M2) - DEFLECTION IN MM | | | | | | | | |
|------|---------|---|------|------|------|------|------|------|------|------|
| | | 250 | 500 | 750 | 1000 | 1250 | 1500 | 2000 | 2500 | 3000 |
| 800 | GI-5015 | <1 | <1 | <1 | <1 | 1.1 | 1.2 | 1.7 | 2.2 | 2.5 |
| | GT-6015 | <1 | <1 | <1 | 1.1 | 1.4 | 1.6 | 2.2 | 2.8 | 3.2 |
| 1000 | GI-5015 | <1 | 1.1 | 1.6 | 2.2 | 2.7 | 3.3 | 4.4 | 5.5 | 6.6 |
| | GT-6015 | <1 | 1.4 | 2.1 | 2.8 | 3.5 | 14.2 | 5.6 | 7.0 | 8.4 |
| 1200 | GI-5015 | 1.2 | 2.4 | 3.5 | 4.7 | 5.9 | 7.1 | 9.5 | | |
| | GT-6015 | 1.5 | 3.0 | 4.5 | 6.0 | 7.5 | 9.0 | 12.0 | | |
| 1400 | GI-5015 | 2.1 | 4.3 | 6.5 | 8.7 | 10.8 | 12.9 | | | |
| | GT-6015 | 2.7 | 5.5 | 8.2 | 11.0 | 13.7 | 16.4 | | | |
| 1600 | GI-5015 | 4.0 | 8.0 | 12.0 | | | | | | |
| | GT-6015 | 5.1 | 10.2 | 15.3 | | | | | | |
| 1800 | GI-5015 | 6.7 | 13.5 | | | | | | | |
| | GT-6015 | 8.5 | 17.0 | | | | | | | |

| SPAN | CODE | CONCENTRATED LINE LOAD (KG/M) - DEFLECTION IN MM | | | | | | | | |
|------|---------|--|-----|------|------|------|------|------|------|------|
| | | 150 | 300 | 450 | 600 | 750 | 900 | 1050 | 2100 | 4200 |
| 800 | GI-5015 | <1 | <1 | <1 | <1 | 1.5 | 1.8 | 2.1 | 4.2 | 8.4 |
| | GT-6015 | <1 | <1 | <1 | <1 | 1.9 | 2.3 | 2.7 | 5.4 | 10.8 |
| 1000 | GI-5015 | <1 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.1 | 8.2 | |
| | GT-6015 | <1 | 1.5 | 2.3 | 3.0 | 3.8 | 4.6 | 5.2 | 10.4 | |
| 1200 | GI-5015 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 14.0 | |
| | GT-6015 | 1.3 | 2.6 | 3.9 | 5.2 | 6.5 | 7.8 | 9.1 | | |
| 1400 | GI-5015 | 1.4 | 2.8 | 4.2 | 5.6 | 7.0 | 8.4 | 9.8 | | |
| | GT-6015 | 1.8 | 3.6 | 5.4 | 7.2 | 9.0 | 10.8 | 12.6 | | |
| 1600 | GI-5015 | 2.7 | 5.4 | 8.1 | 10.8 | 13.5 | | | | |
| | GT-6015 | 3.5 | 7.0 | 10.5 | 14.0 | | | | | |
| 1800 | GI-5015 | 3.6 | 7.2 | 10.8 | 14.4 | | | | | |
| | GT-6015 | 4.6 | 9.2 | 13.8 | | | | | | |