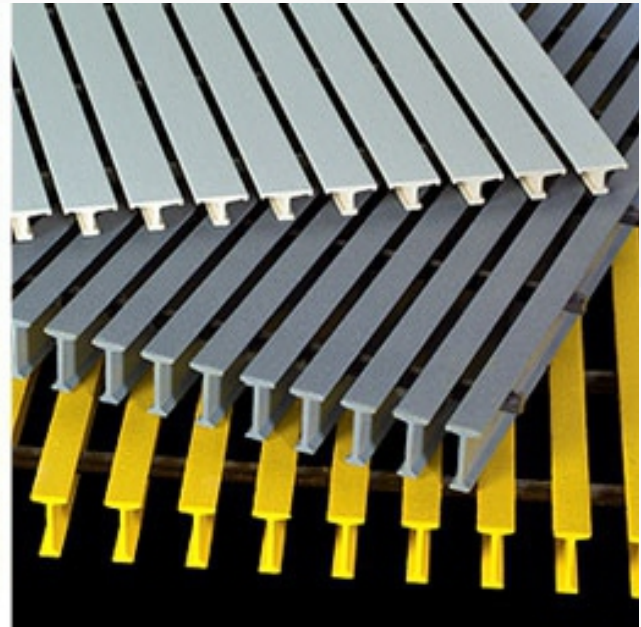
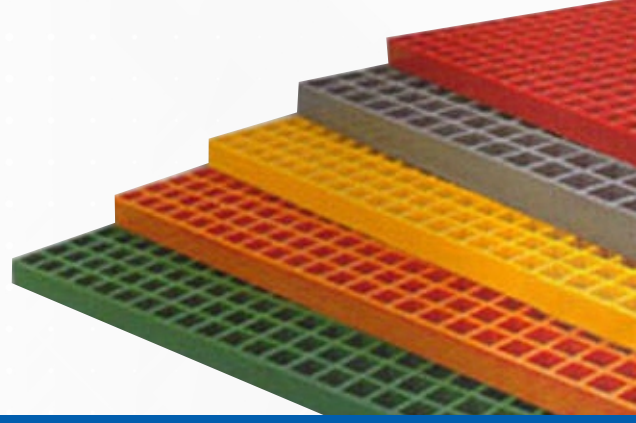




SWITCHGEARS LTD  
STAY POWERED UP ALWAYS

## FRP GRATINGS



## PULTRUDED GRATINGS

FRP Pultruded gratings are manufactured with a high percentage of glass, providing durability and an extremely high unidirectional strength and stiffness making it the ideal solution for application where longer support spans are required. Combine the corrosion resistance, long service life, low maintenance with the low cost of installation, and Safe-T-Span offers a life cycle cost that is significantly lower than that of metal.

- Pultruded gratings are fabricated, using pultruded I sections and pultruded rods.
- Can be fabricated as per custom requirements.

### Applications

- Floor System
- Walkways
- Work Platforms
- Stairs
- Ramps
- Trench Covers
- Catwalks

### Features

- Corrosion Resistant
- Slip-Resistant gritted top surface
- Strong yet lightweight
- Low coefficient of expansion and contraction

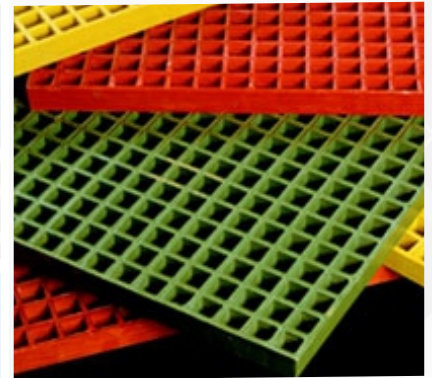
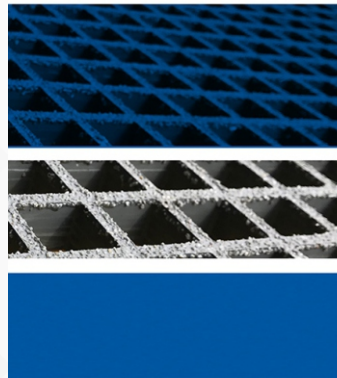
### Benefits

- Reduced maintenance and replacement costs
- Enhanced workplace safety
- Reduced installation costs
- Dimensionally stable in many environments

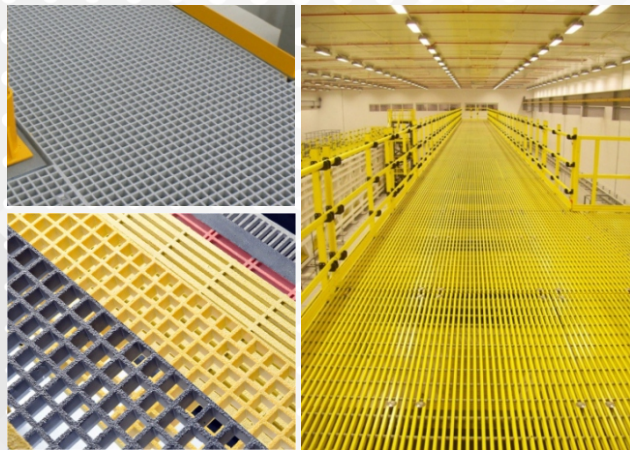
## MOULDED GRATINGS

FRP Moulded gratings are available in a variety of resins, standard and custom colors, depths, panel sizes and mesh configurations. Surface options include a meniscus or integrally applied grit top, both of which offer superior, slip resistant footing. FRP Moulded grating is used in place of traditional materials for a FRP solution that fits a wide range of applications and environments.

- Moulded gratings are manufactured by interweaving continuous, thoroughly wet fiberglass stands with resin. Mixture of liquid resin and fiberglass is poured in mould. Compression moulding technique is used to cure the mixture.
- Provide good bi-axial strength
- Can be provided with anti slip surface
- High impact resistance
- Ease in instalation



- Standard available size of Moulded Gratings 1220x2440MM with hole size of 38x40x40MM



## GRATINGS with Chequered plates (Trench Cover)

- SMC Chequered plate mounted on grating (Pultured or Moulded)
- Standard size of 1M by 1M
- Used as heavy duty trench cover cum walkway
- Easy to open
- Light weight

### Industries

- Chemical Fertilizers
- Fisheries
- Chemicals
- Petrochemicals
- Power Plants
- Textiles
- Water Treatment
- Electric
- Air Pollution Control
- Dairy and Food Precessing
- Electroplating and Pickling

### Applications

- Flooring
- Platforms
- Walkways
- Assembly Lines
- Trench Covers
- Stairs
- Piers
- Catwalks
- Ramps
- Gully Covers
- Track Crossing
- Vent Grills

### Benefits

- Corrosion Resistant
- Bi-directional Strength
- Slip Resistant
- Low Maintenance
- High Strength to Weight Ratio
- Fire Retardant
- Lightweight
- Impact Resistant
- Long Service Life
- Superior Ergonomics



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