

GRP Grating Standard Sizes

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Standard molded and pultruded GRP grating panel dimensions, thicknesses, mesh openings and mini-mesh options. All panels are cuttable to size with carbide or diamond-tipped tools; cut edges should be deburred and sealed with matching resin.

Panel Dimensions

Item	Standard	Options / Notes
Standard panel size	1220 x 3660 mm (4 ft x 12 ft)	Full sheets, or cut-to-size panels
Panel thickness	25 / 30 / 38 / 40 / 50 mm	Selected by load class and span
Standard mesh pitch	38x38 / 40x40 / 50x50 mm	Square open-mesh molded format
Mini-mesh / micro-mesh	12 / 15 / 20 mm opening	Heel-friendly, ADA toe-passing
Format	Molded (bi-directional) or Pultruded (I/T/square bar)	Both cut to size on request

Thickness vs Typical Use

Thickness	Typical Application	Format
25 mm	Light walkways, platforms, trench covers	Molded
30 mm	General industrial walkways	Molded
38 mm	Heavy-duty platforms, equipment decks	Molded / Mini-Mesh
40 mm	Longer spans, industrial flooring	Molded / Pultruded
50 mm	Heavy load, vehicle access, long spans	Molded / Pultruded I/T bar

Mesh Opening Selection

Mesh	Opening	Best For
38x38 mm	Standard square opening	General walkways, platforms
40x40 mm	Alternate standard	Industrial flooring
50x50 mm	Larger opening	Heavy load, drainage, open area
12 mm mini-mesh	Micro opening	Heels, small parts, toe-passing ADA
15 mm mini-mesh	Micro opening	Wet areas, food processing
20 mm mini-mesh	Micro opening	Medium-duty anti-slip walking

Cutting & Field Modification

GRP grating is field-modifiable. Use a carbide or diamond-tipped circular saw, cut dry with a fine-tooth blade for a splinter-free edge. Drill with carbide-tipped bits; deburr and seal exposed cut edges with resin to prevent moisture ingress. Secure panels with SS304/SS316 clips at every intersection.

Data per ZeAllgrate published technical tables (izeall.com). Working guide - confirm with engineering before specification.