

**GRID STRAP NETWORK (RAIL SYSTEM)**

**APPLICATION**

PROLINE G2 Grid Straps can be used to create a mounting or support network within the frame. The Grid Straps are furnished in pairs and available in three designs: full-height vertical, horizontal with mounting brackets, and single-piece horizontal with integrated tabs. Horizontal Grid Straps can be mounted front-to-back between frame verticals (depth-mounted), side-to-side between frame verticals or depth-mounted Grid Straps (width-mounted), or even vertically between Grid Straps. Vertical Grid Straps are used to span the full height of an enclosure.

**FEATURES**

- Quick installation of grid strap(s) using the patent pending front-load BV-M6 fastener (Blind, Variable M6 screw based fastener), which is an innovative alternative to cage nuts or self-tapping screws

**SPECIFICATIONS**

- Grid Straps constructed from 14 gauge (1.75 mm) plated steel
- Mounting hole pattern is 25-mm on center, alternating round and rectangular holes to accommodate various hardware: rectangular holes accept BV-M6 fasteners or front-loading cage nuts
- Horizontal grid straps are offered in both 1-row and 3-row configurations
- Width-mounting Grid Straps requires an increase in length of 100mm over the nominal frame width (i.e. 600mm wide enclosure requires 700mm grid strap)

**Horizontal, Bracket-Mount Grid Straps**

- Mounting brackets are installed using a single BV-M6 (or front-loading cage nut) per bracket
- Grid Strap hooks onto the mounted brackets, and snaps into place for easy installation
- This design Grid Strap can be mounted vertically between other Grid Straps, as the assembly is on a single plane

**Horizontal, Tab-Mount, Single-Piece Grid Straps**

- Grid Strap is constructed from a single piece, with a jogged tab that allows the Grid Strap to sit flush with the frame
- 1-row Grid Straps attach with a single BV-M6 through each tabbed end, while 3-row Grid Straps attach with two BV-M6's through each tabbed end
- This design Grid Strap should not be used when mounting vertically between other Grid Straps, as the jogged tab introduces a second plane which may interfere with cover installation on the sides

**ACCESSORIES**

- Center Upright
- BV-M6 Fastener Package
- PROLINE G2 Fastener Packages

**BULLETIN: P40**

Standard Product **Horizontal, Tab-Mount Grid Straps**

Catalog Number	L (mm)	L (in.)	Description	Fits Frame Width (mm)	Fits Frame Depth (mm)
P2G1RT4	247	9.7	1-Row	-	400
P2G1RT5	347	13.7	1-Row	400	500
P2G1RT6	447	17.6	1-Row	-	600
P2G1RT7	547	21.5	1-Row	600	-
P2G1RT8	647	25.5	1-Row	-	800
P2G1RT9	747	29.4	1-Row	800	-
P2G1RT10	847	33.3	1-Row	-	1000
P2G3RT4	247	9.7	3-Row	-	400
P2G3RT5	347	13.7	3-Row	400	500
P2G3RT6	447	17.6	3-Row	-	600
P2G3RT7	547	21.5	3-Row	600	-
P2G3RT8	647	25.5	3-Row	-	800
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