

GLAND PLATE



APPLICATION

Gland plates are used with a plinth base to provide cable management solutions while maintaining a NEMA 12 rating. ProLine G2's unique Duro-Stand Gland Plate was designed to bear the weight of a person, making it easier to work on the enclosure when the gland plate is installed.

FEATURES

- Consists of a base mounting surface and adjustable foam-gasketed gland plates that permit cable entry
- Sturdy, adjustable gland plates designed to bear the weight of a person
- Number of plates varies with depth: 400 mm and 500 mm (3 plates); 600 mm (4 plates); 800 mm (6 plates); 1000 mm (8 plates)

SPECIFICATIONS

- Galvanized or painted versions
- Sealed to maintain NEMA Type 12 rating
- 14-gauge (1.75 mm) mild steel or galvanized
- Can be used with Plinth Base (100 mm or 200 mm), 100 mm Solid Plinth Base, Mobile Base or Transportation Base
- Can be used without a base if casters, levelers or frame feet are installed
- Can be rotated 180 degrees for front or rear cable entry
- Installation hardware included
- Includes additional foam gasketing which can be applied to reposition the gasketed opening towards the center of the cabinet or to create two independent access points

EMC Gland Plates – Additional Specifications

- Plated to provide corrosion resistance while maintaining a metal to metal contact with the metal fiber gasket
- Metalized non-woven fabric EMI/RFI material covering UL94HP rated urethane foam gasket
- Plating exposed in interior and paint over plated exterior
- Longer lead times required for EMC items

FINISH

For painted versions:

- Polyester powder paint; RAL 7035 textured light grey standard
- Custom colors available

ACCESSORIES

- Plinth Base

- Fully-Sealed Plinth Base
- Caster Kit
- Levelers
- Frame Feet

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Standard Product

Catalog Number	Fits Frame Width x Depth (mm)	Finish	No. of Plates
P2BGP45	400 x 500	Painted	3
P2BGP45G	400 x 500	Plated	3
P2BGP46	400 x 600	Painted	4
P2BGP46G	400 x 600	Plated	4
P2BGP64	600 x 400	Painted	3
P2BGP64G	600 x 400	Plated	3
P2BGP65	600 x 500	Painted	3
P2BGP65G	600 x 500	Plated	3
P2BGP66	600 x 600	Painted	4
P2BGP66G	600 x 600	Plated	4
P2BGP66HF	600 x 600	EMC	4
P2BGP68	600 x 800	Painted	6
P2BGP68G	600 x 800	Plated	6
P2BGP84	800 x 400	Painted	3
P2BGP84G	800 x 400	Plated	3
P2BGP85	800 x 500	Painted	3
P2BGP85G	800 x 500	Plated	3
P2BGP86	800 x 600	Painted	4
P2BGP86G	800 x 600	Plated	4
P2BGP86HF	800 x 600	EMC	4
P2BGP88	800 x 800	Painted	6
P2BGP88G	800 x 800	Plated	6
P2BGP810	800 x 1000	Painted	8
P2BGP810G	800 x 1000	Plated	8
P2BGP104	1000 x 400	Painted	3
P2BGP104G	1000 x 400	Plated	3
P2BGP105	1000 x 500	Painted	3
P2BGP105G	1000 x 500	Plated	3
P2BGP106	1000 x 600	Painted	4
P2BGP106G	1000 x 600	Plated	4
P2BGP106HF	1000 x 600	EMC	4
P2BGP108	1000 x 600	Painted	4
P2BGP108G	1000 x 800	Plated	6
P2BGP124	1200 x 400	Painted	3
P2BGP124G	1200 x 400	Plated	3
P2BGP125	1200 x 500	Painted	3
P2BGP125G	1200 x 500	Plated	3
P2BGP126	1200 x 600	Painted	4
P2BGP126G	1200 x 600	Plated	4
P2BGP128	1200 x 800	Painted	6
P2BGP128G	1200 x 800	Plated	6
P2BGP164	1600 x 400	Painted	3
P2BGP164G	1600 x 400	Plated	3
P2BGP165	1600 x 500	Painted	3
P2BGP165G	1600 x 500	Plated	3
P2BGP166	1600 x 600	Painted	4
P2BGP166G	1600 x 600	Plated	4
P2BGP168	1600 x 800	Painted	6
P2BGP168G	1600 x 800	Plated	6
P2BGP185	1800 x 500	Painted	3
P2BGP185G	1800 x 500	Plated	3
P2BGP186	1800 x 600	Painted	4
P2BGP186G	1800 x 600	Plated	4
P2BGP188	1800 x 800	Painted	6
P2BGP188G	1800 x 800	Plated	6

Model	Component	Type	Width	Depth	Specialty	Catalog Number
P2	B	GP	8	6	G	P2BGP86G
PROLINE G2	Base	0 = solid base 0mm 1 = fully-sealed plinth P1 = plinth base 100mm P2 = plinth base 200mm GP = gland plate T = transportation base M = mobile base	mm 18 = 1800 16 = 1600 14 = 1400 12 = 1200 10 = 1000 8 = 800 6 = 600 4 = 400	mm 10 = 1000 8 = 800 6 = 600 5 = 500 4 = 400	Blank = standard HF = EMC protected G = Galvanized steel	

NOTE: Not every combination is available as a standard product.

VENTED GLAND PLATE



SPECIFICATIONS

- 14-gauge (1.75 mm) steel gland plates (both standard and vented)
- Polyester powder paint; RAL 7035 textured light gray standard
- Limited adjustability of plates for access point repositioning; additional gasketing supplied standard
- Installation hardware included
- Plinth Base and Vented Plinth Base Covers sold separately

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APPLICATION

The Vented Gland Plate is used in conjunction with the Vented Plinth Base Covers to passively cool electronics within an enclosure, while maintaining the NEMA 12 rating. The Vented Gland Plate is constructed in a similar manner as the standard G2 Gland Plate, but in place of a number of the plates is an aluminum filter, or combination of filters, protected on the top and bottom by vented plates that facilitate air passage. Each gland plate solution has a single adjustable foam-gasketed gland that permits cable entry into the enclosure. Although the solution is robust, it is not recommended to stand directly on the vented plate/filter.

Standard Product For Single-Bay Frames

Catalog Number	Fits Frame WxD - mm	No. of Plates	No. of Filters	Filter Size
P2BGPV66	600x600	2	1	356x184
P2BGPV68	600x800	3	1	356x286
P2BGPV86	800x600	2	2	559x184
P2BGPV88	800x800	3	2	559x286
P2BGPV106	1000x600	2	3	762x184
P2BGPV108	1000x800	3	3	762x286

Standard Product For Double-Bay Frames

Catalog Number	Fits Frame WxD - mm	No. of Plates	No. of Filters	Filter Size
P2BGPV126	1200x600	2	1	356x184
P2BGPV128	1200x800	3	1	356x286
P2BGPV165	1600x500	1	2	559x157
P2BGPV166	1600x600	2	2	559x184
P2BGPV185	1800x500	1	2	660x157
P2BGPV186	1800x600	2	2	660x184

Specifications communicated per bay

INTERNALLY MOUNTED GLAND PLATE



SPECIFICATIONS

- 14-gauge (1.75 mm) Galvanized gland plates
- Limited adjustability of plates for access point repositioning; additional gasketing supplied for creation of second access point
- Installation bracketry and hardware included
- Commonly used in conjunction with plinth base (standard or fully-sealed), mobile base, transportation base, or casters/levelers; sold separately

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Standard Product

Catalog Number	Fits Frame WxD - mm	No. of Plates
P2BGPI66	600 x 600	4
P2BGPI68	600 x 800	6
P2BGPI86	800 x 600	4
P2BGPI88	800 x 800	6

APPLICATION

The internally mounted gland plate functions in a similar manner as the standard gland plate: facilitating cable passage into an enclosure, while maintaining NEMA 12 environmental rating and maintaining the ability to support the weight of a person. Where the internally mounted gland plate differs is in installation. The standard gland plate requires access to the bottom of the enclosure to affix the solution, while the internally mounted gland plate is secured to a series of brackets installed from inside the enclosure. This solution is great for applications where lifting capability is limited, or after enclosure population when access to the bottom of the enclosure is limited.