



PowerGrip™ 11

Universal ROOF MOUNT SYSTEM

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

OMG PowerGrip™ Universal 11 is a strong roof anchor designed to secure solar racks and other equipment to commercial roofs.

PowerGrip Universal 11 (PGU-11) units are compatible with commercial roofing systems and connect directly to the roof deck for maximum strength. Once secured in place, properly installed and watertight PGU-11s can help to eliminate rack movement.

FEATURES & BENEFITS

- Compatible with most commercial roofing systems and most commercial solar systems.
- Simple installation process saves time and labor. Can be completed in less than five minutes.
- Reduces or eliminates the need for ballast in solar rack applications. Properly installed, PGU-11s provide a secure anchor to the roof deck and remain watertight.
- Places the wind load onto the structural deck where it belongs.
- 1-in. (25 mm) tall x 3/8-in. diameter stainless steel bolt and mounting stand provides flexible attachment options.

APPLICATION

PowerGrip Universal 11 is designed for uplift, shear resistance and dead load support.

PGU-11s are installed with a minimum of six fasteners, but can accept up to 12 fasteners for additional strength depending on the specific roof deck and application. OMG Roofing Products offers several fastener options:

- OMG XHD® Roofing Fastener (#15)
- OMG RetroDriller Fastener
- OMG HD Roofing Fastener (#14)

Visit OMGRoofing.com for specific fastener details, sizes, specifications and packaging information. Some sizes of HD and XHD fasteners are also available in 100-packs.

A water cut-off mastic/sealant must be applied during installation. The specific product used depends on the roofing material. Consult the roofing system manufacturer or call OMG for information.

OMG PGU-11 units should be installed with a standard screw gun rather than an impact driver, and cap bolts must be secured in a criss-cross pattern to 60-70 inch pounds.



It is highly recommended that OMG PGU-11s only be installed by authorized roofing contractors. Always consult the roofing system manufacturer prior to installation.

PGU-11s can also be used for many roof mounted applications, including: pipe supports and hangers, step crossovers, electrical conduit, raceways, satellite dishes, small antennas and HVAC applications, among others.

PHYSICAL DIMENSIONS

Cover Plate Diameter	11.5" (292 mm)
Installed Height (without Stud)	1" (25.4 mm)
Total Installed Height (with Stud)	2" (50.8 mm)
Fastener Spacing on Base Plate	6" OC (152 mm)

PERFORMANCE

TEST	TEST METHOD	RESULTS
Static Tensile Load	TAS 117 (A)	3,343 lbf. (14.8 kN) *
Static Shear Load	ASTM E488	2,537 lbf. (11.3 kN) *
Compressive Load	ASTM D1621-10	2,749 lbf. (12.2 kN) **

*As tested on 22 Ga, type B, grade 40 structural steel, secured with six fasteners with 1-inch of polyisocyanurate insulation.

**As tested on 22 Ga, type B, grade 40 structural steel, secured with six fasteners with 1-inch of polyisocyanurate insulation and 1/4 inch cover board.

Please note: Testing is based on 'Ultimate failure', which in all cases was in the roofing system components, not the PowerGrip Universal 7 unit. Tensile and shear load failure occurred when the fasteners pulled out of the steel surface (i.e. at roofing failure). Test reports are available for engineering purposes.

For more information, contact your local OMG sales representative, call 800-633-3800 or visit www.OMGRoofing.com.



ROOFING PRODUCTS

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