



PowerGrip™ 7

Universal ROOF MOUNT SYSTEM

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

OMG PowerGrip™ Universal 7 is designed to secure solar racks and other equipment to commercial roofs.

OMG PowerGrip Universal 7 (PGU-7) units are compatible with most commercial roofing systems and connect directly to the roof deck for maximum strength. Once secured in place, properly installed and watertight PGU-7s can eliminate rack movement.

FEATURES & BENEFITS

- Compatible with all major commercial roofing systems and most ballast and rail-based commercial solar rack systems.
- PGU-7s are secured directly to the deck thereby transferring wind uplift and dead weight loads directly to the structural members. This often eliminates the need for ballast and protects insulation from being compressed.
- PGU-7 units are watertight without flashing, which saves labor and eliminates the need for power on the roof during installation. However, if a redundant water barrier is desired, they can be flashed for extra protection.

PERFORMANCE

PRODUCT	TEST	TEST METHOD	RESULTS
PGU-7	Static Tensile Load	TAS 117 (A)	2051 lbf. (9.12 kN)*
PGU-7	Static Shear Load	ASTM E488	1581 lbf. (7.03 kN) **
PGU-7	Compressive Load	ASTM D1621-10	2214 lbf. (9.84 kN) **

*As tested on 22 GA, type B, Grade 40 structural steel deck, secured with four fasteners.

**As tested on 22 GA, type B, Grade 40 structural steel deck, secured with four fasteners with 1-in. of polyisocyanurate insulation and 1/4-in. DensDeck Prime cover board.

Please note: Testing is based on "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 deck (i.e. at deck failure). Test reports are available for engineering needs.

APPLICATION

PowerGrip Universal 7 is designed for uplift and shear resistance and also to support dead loads.

PGU-7s are typically installed with four roofing fasteners, but can accommodate up to eight fasteners for added strength. OMG Roofing Products offers several fastener options based on the specific deck type and roofing application:

- 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 available in 100-packs for PowerGrip installation.

OMG PGU-7 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 PowerGrip products only be installed by authorized roofing contractors. Always consult the roofing system manufacturer prior to installation.



DIVERSE USE

In addition to securing solar rack systems, OMG PowerGrip roof mounts can also be used for many other roof-top 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	7-in. (178 mm)
Installed Height (without Stud)	3/4-in. (19 mm)
Total Installed Height (with Stud)	1 5/8-in. (41.3 mm)
Stainless Steel Bolt/Mounting Stand Dimension	7/8-in. (22.2 mm) tall x 3/8-in. (9.5 mm)

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	QTY.	WEIGHT LBS (KG)
PGRPU7-STD2	PGU-7 for non-PVC applications	2	2.94 (1.33)
PGRPU7-STD12	PGU-7 for non-PVC applications	12	16.52 (7.49)
PGRPU7-PVC2	PGU-7 for PVC applications	2	2.94 (1.33)
PGRPU7-PVC12	PGU-7 for PVC applications	12	16.52 (7.49)

For more information, contact your local OMG sales representative, call 800.633.3800 or visit OMGRoofing.com.

 **OMG**
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Superior performance.

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