



PowerGrip™ 11

Universal ROOF MOUNT SYSTEM

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

OMG PowerGrip™ Universal 11 (formerly PowerGrip Universal) is a strong roof anchor designed to secure solar mounting frames and other equipment to commercial roofs.

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

FEATURES & BENEFITS

- Compatible with most commercial roofing systems and most commercial solar mounting frame systems.
- Simple installation process saves time and labour. Can be completed in less than five minutes.
- Reduces or eliminates the need for ballast in solar mounting frame applications. Properly installed, PGU-11s provide a secure anchor to the roof surface and remain watertight.
- Places the wind load onto the structural surface where it belongs.
- 25 mm (1") tall x 0.375 mm (3/8") diameter stainless steel bolt and mounting stand provides flexible attachment options.

PERFORMANCE

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

*As tested on 22 Ga, type B, grade 40 structural steel, secured with six fasteners with 25 mm (1") of polyisocyanurate insulation.

**As tested on 22 Ga, type B, grade 40 structural steel, secured with six fasteners with 25 mm (1") of polyisocyanurate insulation and 6.3 mm (1/4") cover board.

APPLICATION

PowerGrip Universal 11 anchors are designed to be resistant to uplift and shearing and also to support dead loads.

PGU-11s are installed with six fasteners. Depending on the specific roof type and roofing application, OMG Roofing Products offers several fastener options:

- OMG XHD® Roofing Fastener (no. 15)
- OMG RetroDriller Fastener
- OMG HD Roofing Fastener (no. 14)

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

It is highly recommended that OMG PGU-11s only be installed by authorised 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 cross-overs, electrical conduit, raceways, satellite dishes, small antennae and HVAC applications, among others.



PHYSICAL DIMENSIONS

Cover plate diameter	292 mm (11.5")
Installed height (without stud)	25.4 mm (1")
Total installed height (with stud)	50.8 mm (2")
Fastener spacing on base plate	152 mm (6" OC)

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	QTY	WEIGHT KG (LBS)
PGRPU-STD	Standard PowerGrip Universal 11	1	1.6 (3.5)
PGRPU-PVC	PowerGrip Universal 11 for use on PVC roofs	1	
PGRPU-STD-6PK	6-pack Standard PowerGrip Universal 11	6	10.4 (23)
PGRPU-PVC-6PK	6-pack PowerGrip Universal 11 for use on PVC roofs	6	

For more information, contact your local OMG sales representative, call +1.413.789.0252 or visit www.OMGRoofing.com.

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