



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) units 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 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 tall x 9.5 mm 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 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.

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 more information.

OMG PGU-11 units should be installed with a standard screwdriver rather than an impact driver, and cap bolts must be secured in a criss-cross pattern to 6.7-7.9 Nm.

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
Installed height (without stud)	25.4 mm
Total installed height (with stud)	50.8 mm
Fastener spacing on base plate	152 mm OC

ORDERING INFORMATION

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

PERFORMANCE

TEST	TEST METHOD	RESULTS
Static tensile load	TAS 117 (A)	14.8 kN*
Static shear load	ASTM E488	11.3 kN*
Compressive load	ASTM D1621-10	12.2 kN*

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

**As tested on 22 Ga, type B, grade 40 structural steel, secured with six fasteners with 25 mm of polyisocyanurate insulation and 6 mm cover board.

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

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