

OMG POWERGRIP™ PLUS

DESCRIPTION:

OMG PowerGrip™ Plus ("PowerGrip") is a roof mount system, designed to secure solar racks and other equipment to roofs covered with any Duro-Last® PVC or Duro-TECH™ TPO membranes.

PowerGrip connects directly to the roof deck or structural elements. Once heat (hot-air) welded in place, PowerGrips can help protect the membrane from damage caused by rack movement and remain watertight.

PowerGrip can also be used for several other roof-mounted applications, such as:

- Pipe supports and hangers
- Step crossovers
- Electrical conduit
- Raceways
- Satellite dishes
- Small antennas
- HVAC applications

ORDERING:

PowerGrip is available in either PVC or TPO membrane options. PowerGrip is available as individual pieces. Order includes one depth gauge for every eight PowerGrips.

- OMG PowerGrip Plus for PVC (Item #12522)
- OMG PowerGrip Plus for TPO (Item #12522-002)

STORAGE AND HANDLING:

- Keep away from ignition sources. **Do not smoke while installing.**
- Store product out of direct sunlight, tightly closed in a dry, cool, and well-ventilated place.
- Do not store in areas of ponding water.

POWERGRIP PLUS PROPERTIES		
	Test Method	Results
Tensile Strength	TAS 117-95 (A)	2,000 lbf (8,896.4 N), minimum
Shear Strength	ASTM E488-96	1,075 lbf (4,781.8 N), minimum

PRECAUTIONS:

- Read Safety Data Sheets ("SDS") prior to using. SDS can be found at: <https://www.duro-last.com/>.
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.

INSTALLATION:

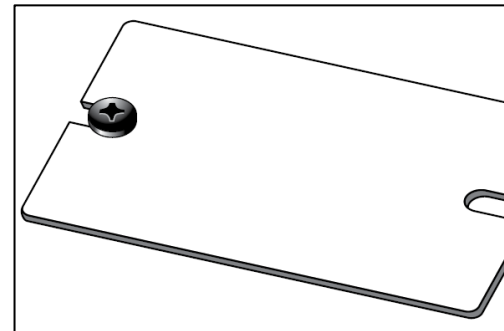
1. General

- Mark the locations on the deck membrane to install PowerGrips.
- Prepare the membrane for welding, if necessary.
 - Refer to the appropriate Duro-Last or Duro-TECH membrane product data sheet ("PDS") for preparation instructions.



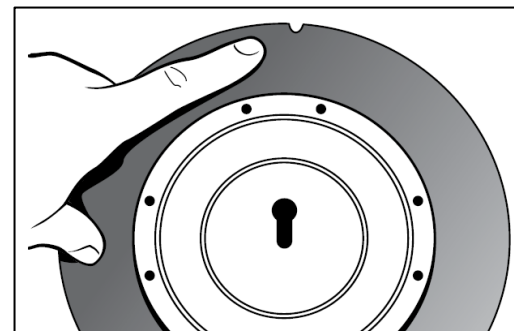
2. Installation

- At the marked location, install the #14 or #15 fastener, for the appropriate deck type, through the roof and into the deck until firmly seated on the included depth gauge.



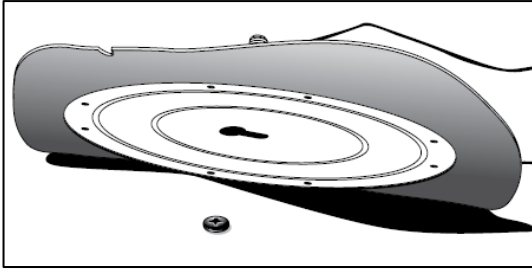
- Do not overdrive fasteners.
- Minimum 1-inch (25-mm) deck penetration.

- Remove the depth gauge.
- Locate the notch on the perimeter of the PowerGrip membrane flange and note how it aligns with the plate on the underside.

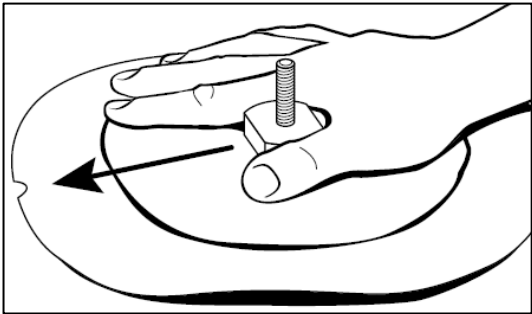


- d. Slide the PowerGrip plate over the fastener.

- Position the large end of the keyhole slot over the fastener.

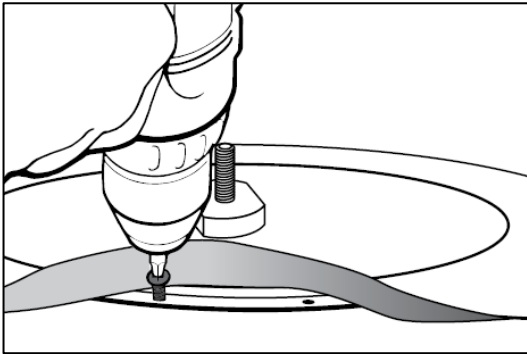


- Slide the PowerGrip to position the fastener along the narrow keyhole area.



- e. Lift the membrane flange and install eight additional fasteners into the pre-drilled outer holes of the PowerGrip plate.

- Minimum 1-inch (25-mm) deck penetration.



- f. Heat (hot-air) weld the membrane flange to the deck membrane, as directed in the appropriate membrane PDS, with a minimum 1-1/2-inch (40-mm) weld.

