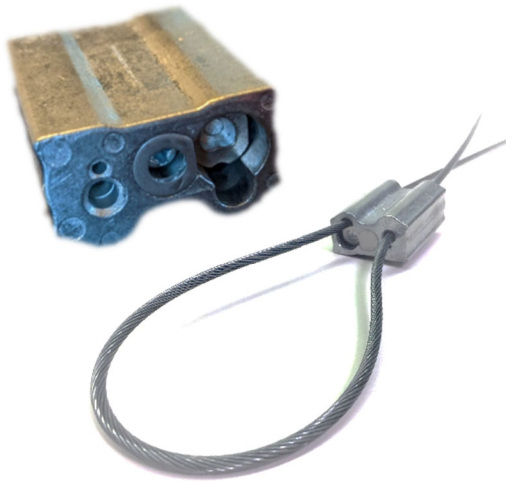


MATERIAL PROPERTY DATA SHEET

FALCON LOCK GRIP™

LG-3

Patent Pending



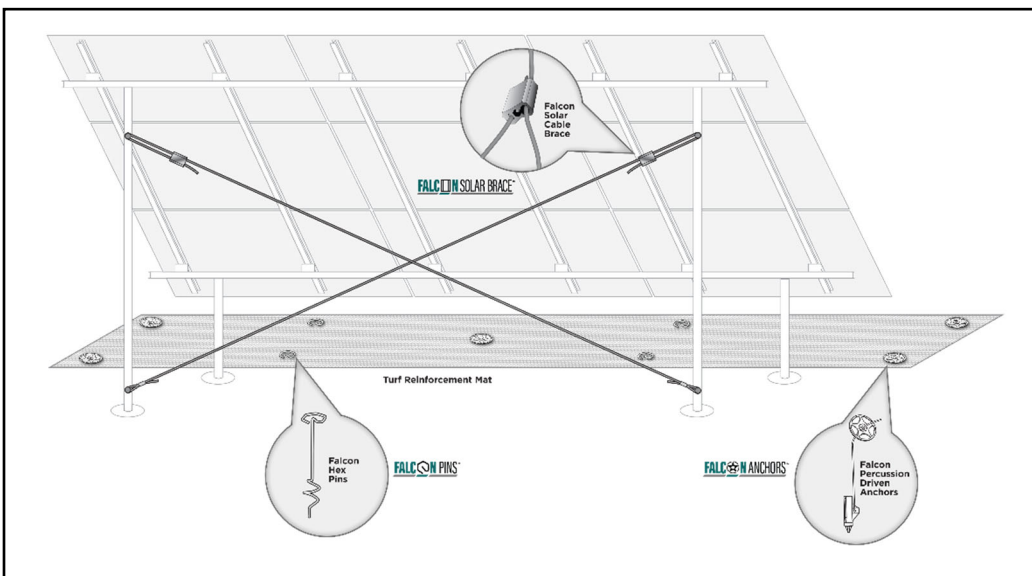
Description

The Falcon Lock Grip LG-3 is designed to provide a two-way grip of wire rope for a variety of solar bracing applications. The LG-3 can be used to couple wire ropes or form a loop with little loss of load capacity. In solar bracing applications, the LG-3 provides a very quick, easy method to tie and brace solar racks. In addition to high load capacity, the LG-3 utilizes patent pending Dynamic Vibration Arrest (DVA) technology. Engaged by tightening the lock-screw, a secondary clamp is positioned to pinch each wire against the case (in addition to the primary wire grip(s)). This ensures the entire device vibrates in unison with the wire. Without DVA, in the case of wind or other vibration, a wire grip can shake loose, allowing the tie to fail. DVA prevents vibration failure. LG-3 grips provide the highest level of safety with the easiest installation and widest application portfolio of any gripping device.

System Performance Loading Chart

	Maximum Working Load	Safe Working Load (Max Working Load / 1.3 Safety Factor)
LG-3 with 1/8" Cable (Loop)	1,850 lbs*	1,425 lbs

*Maximum load verified by independent, accredited third party testing, when used in conjunction with cable supplied by Western Green.



Uses / Benefits

- Squaring Tensile Brace
- Create Wire Rope Loop
- Couple Wire Ropes
- High Load Capacity
- Vibration Resistance
- All Metal Construction
- Easily Adjustable
- Labor and Shipping Friendly

Disclaimer: The information contained herein may represent product index data, performance ratings, bench scale testing or other material utility quantifications. Each representation may have unique utility and limitations. Every effort has been made to ensure accuracy; however, no warranty is claimed and no liability shall be assumed by Western Green or its affiliates regarding the completeness, accuracy or fitness of these values for any particular application or interpretation. While testing methods are provided for reference, values shown may be derived from interpolation or adjustment to be representative of intended use. For further information, please feel free to contact Western Green. FCN_LG3_MPD5_1_22



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