

Solar Non-Metallic Cord Grips

Applications:

Cooper Crouse-Hinds Solar Cord Grips are used in both commercial and residential grid-tied PV solar applications and are designed to accommodate the entry of multiple PV wires coming into a combiner or pass through box. The Solar Cord Grips provide mechanical strain relief as well as a liquid tight seal around the solar panel wires.

Features:

- Multi-hole cord grip to allow for entry of multiple PV wires.
- Solar cord grips offer customer flexibility by allowing the termination from 1 to 31 PV wires in a single connector.
- Skinned over glands provide a durable, liquid tight seal around the wires.
- No disassembly required for installation.
- 5MM offering accommodates USE-2, 12AWG and 10AWG wire.
- 7MM offering accommodates 1000V PV cable, 12AWG and 10AWG wire.
- Temperature rating: -22°F (-30°C) to 212°F (100°C) to meet the most demanding environmental conditions.

Certifications and Compliances:

- UL/cUL listed
- IP68
- Flammability rating: 94-V2

Standard Materials:

- % nylon with TPE/Buna N sealing glands



Photo shown with steel locknut
(locknuts must be ordered separately)



Cord Grip Ordering Information:

Cat. #	Trade Size	No. of Holes	Hole Cable Diam.	Wire Type	Size
NCGS25*	3/4"	5 Holes	5MM	USE-2	12AWG, 10AWG
NCGS237	3/4"	3 Holes	7MM	1000V PV Cable	12AWG, 10AWG
NCGS39*	1"	9 Holes	5MM	USE-2	12AWG, 10AWG
NCGS357	1"	5 Holes	7MM	1000V PV Cable	12AWG, 10AWG
NCGS413*	1 1/4"	13 Holes	5MM	USE-2	12AWG, 10AWG
NCGS497	1 1/4"	9 Holes	7MM	1000V PV Cable	12AWG, 10AWG
NCGS631*	2"	31 Holes	5MM	USE-2	12AWG, 10AWG
NCGS6197	2"	19 Holes	7MM	1000V PV Cable	12AWG, 10AWG

*UL recognized,  but not listed. Consult factory for additional information.

Locknut Ordering Information:

Material	Trade Size	Cat. #
Steel	3/4"	12
	1"	13
	1 1/4"	14
	2"	16
Aluminum	3/4"	12 SA
	1"	13 SA
	1 1/4"	14 SA
	2"	16 SA

Material	Trade Size	Cat. #
Zinc	3/4"	12DC
	1"	13DC
	1 1/4"	14DC
	2"	16DC
Non-metallic	3/4"	12 SA
	1"	13 SA