At NSI, we understand the importance of renewable energy.
That’s why we are dedicated to providing the products that help make every solar installation productive and profitable. That’s why we carry products that make every solar installation successful and profitable.

We design and develop products specifically for the solar market. Some examples include our longer raintight connectors that make installation a breeze, our raintight conduit bodies and our one-piece Remke RTK connectors.
WHY NSI

- FOCUSED ON FULFILLING THE NEEDS OF DISTRIBUTORS
- TRANSACTIONAL ELECTRONIC EFFICIENCY
- “ONE ORDER, ONE INVOICE”
- WORLD-CLASS DISTRIBUTION AND FAST CYCLE LOGISTICS
- SEAMLESS TECHNICAL AND CUSTOMER SUPPORT
- DEMAND-GENERATION
NSI, Bridgeport Fittings, Remke, Metallics Fasteners and Polaris deliver innovative solar product solutions in multiple categories. We offer liquidtight and raintight fittings, grounding and bonding products, conduit bodies, straps and Polaris® mechanical connectors, wire management devices and supplies to meet your solar installation needs. When you’re installing innovative ways to generate energy, make sure to use innovative products up to the task.
FITTINGS, CONNECTORS AND MORE

1. LIQUIDTIGHT FITTINGS — BRIDGEPORT
4. WET LOCATION FITTINGS — BRIDGEPORT
5. CONDUIT BODIES — BRIDGEPORT
7. CORD GRIPS AND CONNECTORS — REMKE
9. GROUNDING & BONDING
13. POWER CONNECTORS — POLARIS
14. COMPRESSION LUGS AND SPLICES — POLARIS

SUPPLIES

15. SRTAPS AND CLAMP PACKS — BRIDGEPORT
16. CABLE TIES — POWERGRP
17. ELECTRICAL TAPE — WARRIORWRAP
18. FASTENERS — METALLICS
19. ROOF JACK KIT — METALLICS
20. CABLE STACKER — EASY-STACK
20. CABLE CLIPS — POWERGRP
COMBINER BOX
All conduit systems must be rated for the environment whether raintight or wet location. NSI has products especially designed for solar.

PV ARRAY
Bonding and grounding is an NEC requirement for any electric system. NSI has a variety of grounding and bonding connectors.

DC DISCONNECT
Innovative patented products that are designed and created for solar installations ensure your installs are code compliant.

AC DISCONNECT
NSI has creative solutions to help solar contractors be more productive while maintaining the integrity of the all outdoor installed equipment.

AC MAINS PANEL & METER
Keep your systems safe with specialized grounding and bonding products from NSI.
A COMPLETE SOLAR SOLUTION YOU CAN COUNT ON

From beginning to end, you can rely on NSI products to solve your solar installation.

We have the balance of system supplies you need to control cost and inventory while increasing your efficiency. Join the country’s biggest and best solar contractors by asking for NSI products.
Bridgeport Liquidtight fittings for flexible metal conduit are suitable for a wide range of solar installations. Our liquidtight fittings are designed to stand up to demanding, wet or corrosive environments.

**Nonmetallic Liquidtight Connectors**

Use Bridgeport nonmetallic liquidtight straight connectors to join nonmetallic “Type B” liquidtight conduit to a box or enclosure in wet environments. The NPT threads, knockout gasket and inner sealing provide a liquidtight connection.

435-NMLT and 469-NMLT Series

**Metallic Liquidtight Connectors**

Use Bridgeport liquidtight zinc straight connectors to join metallic and nonmetallic “Type B” liquidtight conduit to a box or enclosure in wet environments. The NPT threads, polyethylene gasket and inner sealing ring provide a liquidtight seal.

429-LT2 and 469-LT2 Series

Use Bridgeport liquidtight steel straight connectors to join metallic liquidtight conduit to an electrical box or enclosure in wet environments. Fitted with NPT threads and sealing gaskets, these connectors provide a liquidtight connection.

429-SLT and 469-SLT Series
**SEALING RINGS**

Use Bridgeport sealing rings to make liquidtight connections between liquidtight connectors, raintight connectors and a box knockout. The polyethylene gasket and steel retaining ring keeps water out when secured with a locknut.

**TRANSITION FITTINGS**

Use Bridgeport liquidtight transition couplings to transition between metallic or nonmetallic “Type B” liquidtight conduit and EMT in wet locations. Patented zinc transition couplings provide a concrete-tight seal and are UL-listed as raintight.

Use Bridgeport combination couplings to join rigid or intermediate metal conduit and metallic liquidtight conduit in wet locations. These UL-listed connectors provide a concrete-tight and listed raintight seal.
X-LONG THREAD RAINTIGHT EMT CONNECTORS

Use Bridgeport extra long raintight screw-on compression connectors to create a raintight seal between EMT and thicker enclosures or solar combiner boxes. The patented design comes with an internal sealing ring, and NPSM threads.

RAINTIGHT EMT CONNECTORS

Bridgeport raintight EMT connectors replace screw-on fittings with EMT. These patented zinc alloy connectors are available in the corrosion-resistant RT2 series with NPT male threads and a steel version with NPSM threads.

RAINTIGHT EMT COUPLINGS

The Bridgeport raintight compression couplings are used to join two lengths of EMT conduit, creating a concrete-tight, watertight seal and long-lasting fit in a wet location. Available in zinc, electroplated steel and zinc alloy.

RAINTIGHT NPT THREADED HUB CONNECTORS

Use Bridgeport RTNPT fittings to install a listed connection between EMT and threaded hubs in wet locations. RTNPT assemblies are specifically listed for connecting EMT to threaded entries and conduit bodies for a raintight seal.
Bridgeport’s raintight and wet location connectors and couplings are available for cable, EMT and rigid conduits. Our separate sealing rings ensure a raintight seal and our split-type compression rings make for fast, reliable installations.

**PVC Jacketed MC Cable Connectors**

Use Bridgeport E-Z LOCK Technology to connect PVC Jacketed MC and TECK cable in wet locations. Now with Bridgeport E-Z LOCK Raintight fittings contractors can save time connecting PVC coated cable outdoors on rooftops, in parking garages, anywhere exposed to the environment. 595-DC2 to 597-DC2 895-DC2

**Raintight Reducing Sealing Washers and Locknuts**

Bridgeport Raintight Reducing Washers provide a wet location seal that is UV resistant. Sold in pairs, one coated washer has a built in gasket ensuring enough threads are available for the locknut. NEMA 4 Rated 1061-RT Series

Bridgeport PVC Sealing locknut’s for threaded Rigid/IMC conduit. These steel locknuts securely fasten and provide Raintight seal when connecting threaded conduit to unthreaded opening in a box or enclosure. 140 Series

**Raintight Offset Nipples**

Bridgeport die cast zinc raintight offset nipples serve as short raceways between two enclosures, boxes or pieces of conduit with slightly different heights in wet locations. 1520-RT to 1522-RT
Bridgeport’s Conduit Bodies with Integral Raintight Connectors allow access to the interior of a conduit system. Integral raintight connectors eliminate the need to thread connectors into a conduit body entry.

**Type LB & Type C**

Type LB conduit bodies allow access to the interior of a conduit system for inspection, pulling and maintenance. Compression connectors create a raintight seal when securing EMT without the need for threading connectors into the body entries.

- LB-42RT thru LB-43RT

Bridgeport Type C combination conduit bodies allow access to the interior of conduit systems for inspection, pulling and maintenance. A combined set screw and NPT threaded design allows for use with rigid conduit, IMC and EMT.

- C-41CGC thru C-46CGC

Bridgeport Type LB combination conduit bodies allow access to the interior of a conduit system for inspection, pulling and maintenance. A combined set screw and NPT threaded design allows for use with rigid conduit, IMC and EMT.

- LB-41CGC thru LB-46CGC
TYPE LL & TYPE LR

Bridgeport type LL combination conduit bodies allow access to the interior of a conduit system for inspection, pulling and maintenance. A combined set screw and NPT threaded design allows for use with rigid conduit, IMC and EMT.

LLR-41 thru LLR-46

TYPE LLR

Bridgeport conduit bodies allow access to the interior of a conduit system for inspection, pulling and maintenance. Combination bodies are used with EMT, IMC and rigid conduit. Type LL/LR bodies allow a 90-degree cable pull to the left or the right.

LLR-42RT thru LLR-43RT

TYPE T

Bridgeport type-T combination conduit bodies allow access to the interior of a conduit system for inspection, pulling and maintenance. A combined set screw and NPT-threaded design allows for use with rigid conduit, IMC and EMT.

T-41CGC thru T-46CGC
Remke’s line of industrial-strength PowR-Teck™ connectors and cord grips deliver the best materials and construction to protect important electrical connections from destructive elements.

POWR-TECK CONNECTORS

Remke PowR-Teck MC cable connectors feature an exclusive one-piece design that’s more compact in size. No disassembly required—just push the cable through, tighten the connector and you’re done.

SOLAR LIQUIDTIGHT CORD GRIPS

Choose these PowR-Teck connectors for PVC-coated MC and Teck cable. The PowR-Lock Technology in these bushings leads to a unique one-piece design, available in 1/2” to 4” trade sizes with embedded neoprene enclosure gaskets.
CORD GRIPS & CONNECTORS

DRAIN FITTINGS

Remke drain fittings install at the bottom of enclosures and in conduit bodies to drain away condensation. These fittings provide continuous ventilation for the prevention and/or release of condensation when properly installed in the appropriate location.

ENGINEERED SOLUTIONS

NSI and Remke can design and manufacture custom cable connectors and cord grips for your application. Select exactly what you need, with everything from modified standard products to customized solutions based on your specifications and customer-driven design.
Equipment grounding and bonding is required on all PV systems. NSI offers a wide range of locknuts, split bushings and grounding clamps for your installation.

GROUNDING LOCKNUTS

The Bridgeport zinc die cast Mighty-Bond® grounding locknuts with aluminum lugs fasten threaded connectors or nipples to boxes or enclosures. The 14-4 tin-plated aluminum lugs offer an additional bonding or grounding path.

161-G thru 170-G
160-GI Series

SPLIT BUSHINGS

Use the Bridgeport Mighty-Rite zinc die cast insulated split grounding bushings to install bushings to rigid or IMC conduit or EMT fittings before or after wire pull-through.

SGB Series
Bridgeport tin-plated aluminum solar panel grounding connectors are designed to prevent galvanic reactions and enhance conductivity when clamped onto the frame of a panel.

Use the Bridgeport Mighty-Bond brass enclosure grounding connectors and couplings with a zinc die cast locknut and stainless steel set screws to secure one continuous length of grounding conductors to an enclosure through a knockout.

Use the patented Mighty-Bond 1/2” brass intersystem bonding bridge with solid or stranded wire inside or outside an enclosure or panelboard in conjunction with rigid or EMT conduits with three equipment grounding terminations.

Mighty-Bond® Ground Rod Bridge Clamp Ground Rod or Rebar Clamp with Stainless Steel Hardware. DB Rated.

NSI grounding and bonding products provide flexible solutions for a wide range of grounding and bonding applications in the field. Use copper ground connectors for grounding or continuous loop bonding of copper wire in direct burial applications.

ALI-SLR
MC-050, MC-075 and MC-100 MCC-050, MCC-075 and MCC-100
IGB-050 and IGB-075
IGBC-050 and IGBC-075
GLA Series
GLC Series
NSI grounding and bonding products provide flexible solutions for a wide range of grounding and bonding applications in the field. Use to ground conductor to copper water pipe, tubing, ground rods and rebar. UL-listed for direct burial applications.

**GROUND CLAMPS**

GLC Series

NSI grounding and bonding products provide flexible solutions for a wide range of grounding and bonding applications in the field. Use to ground conductor to copper water pipe, tubing, ground rods and rebar. UL-listed for direct burial applications.

**COMPRESSION C TAPS**

CT Series

Use these NSI C-tap copper main compression connectors to ensure positive all-around compression with low resistance and high pull-out values. Made from high-conductivity copper and rated for 600V applications.

**FLEXIBLE BRAID JUMPERS**

FS Series

NSI grounding and bonding products provide flexible solutions for a wide range of grounding and bonding applications in the field. Use jumper grounding straps for installations involving movement from expansion or contraction.
NSI grounding and bonding products provide flexible solutions for a wide range of grounding and bonding applications in the field. Use intersystem bonding connectors to bond power and communication (phone, cable and satellite) grounding systems.

Use our neutral bar stacked circuit connectors when you need a compact design with stacked wire holes to minimize width and one-piece construction for superior mechanical performance.

Use comb connector circuits to join different sizes of copper or aluminum conductors, with multiple combination holes for 1/0-14 AWG and 6-14 AWG wires arranged in an economical, compact design of hole spacing.
INSULATION PIERCING CONNECTORS

Dual-rated insulation-piercing connectors are a safe, reliable, versatile choice to connect wires without stripping them and without using tape or covers. Can be installed on energized conductors and used as a splice or tap.

Polaris is the original innovator in pre-insulated connectors and have continued to lead the industry with high-quality power connectors. Additionally, our wide offering of uninsulated and mechanical connectors match the needs of any job.

Polaris

Polaris Black multi-tap connectors form secure connections between conductors with a rounded design and UV-resistant insulation coating. Installs with a hex key and torque wrench, with no need for cover and taping.

Polaris Edge multi-tap direct burial connectors form secure connections between conductors and feature a squared-off design and EPDM rubber insulation coating for temporary submersion or direct burial. Installs with just a hex key and torque wrench.

PRE-INSULATED CONNECTORS
**COMPRESSION LUGS**

NSI compression connectors terminate large, high-current wires safely, with a max voltage rating of 35kV when properly installed. The tin-plated aluminum body, chamfered entry and clear color coding make these lugs easy to use.

Use these peep hole compression connectors for flexible copper cable. The single flared barrel hole ensures ease of cable insertion, reduced strain on cable strands after installation and protects them from chafing or breaking.

**COMPRESSION SPLICES**

Use dual-rated aluminum compression splice connectors to join aluminum or copper conductors. Center stop assures proper cable installation while the pre-filled oxide-inhibitor gel guarantees a conductive connection.
SUPPLIES

NSI has the high-quality, professional Supplies and solutions for your solar projects. Count on NSI for fast delivery and easy ordering.

EMT AND RIGID/IMC CONDUIT STRAPS AND CLAMP PACKS

One piece / one hole universal clamp straps are listed to secure a wide variety of AC/MC, PVC Jacketed and Teck cables and conduit including Rigid/IMC, PVC Coated Rigid, EMT and FMC

Bridgeport one-hole rigid pipe straps are used to secure rigid conduit and intermediate metal conduit to a variety of mounting surfaces. Zinc-plated steel construction offers a tough, corrosion resistant mounting solution in harsh environments.

Bridgeport one-hole rigid pipe straps are used to secure rigid conduit and intermediate metal conduit to a variety of mounting surfaces. Malleable iron construction offers the heaviest-duty solution with excellent impact resistance.

UCS Series

907-S, 920-S and 901-S Series

900, 907 and 920 Series
**RIGID/IMC CONDUIT STRAPS AND CLAMP BACKS**

One piece / one hole universal clamp back and strap for securing a wide variety of cable and conduit including EMT, RMC, IMC, PVC/polyolefin coated rigid conduit and IMC and more.

UCS Series

**UV STABILIZED CABLE TIES**

General-purpose cable ties from NSI feature self-locking heads, a curved tip for faster threading, strong teeth to lock the pawl in pace and a nylon 6,6 construction that results in a temperature-resistant, reliably strong solution for cable management.

GRP-UV Series
We designed **WarriorWrap electrical tape** for electrical industry professionals, with leading adhesion, breaking strength and elasticity. Used for insulating, splicing or marking cables and wires on the jobsite.

Vinyl heavy-duty electrical tapes, 8.5mil thick and designed to stick to uneven surfaces. For splicing, insulating or marking wires in outdoor solar applications. **WW-832 Series**

7mil thick vinyl electrical tapes with durable PVC backing, available in 12 colors rated up to 600V for splicing, insulating or marking wires in many applications. **WW-732 Series**
METALLICS HAS A COMPLETE LINE OF FASTENERS MADE FROM STAINLESS STEEL AND HOT DIPPED GALVANIZED STEEL FOR ANY OUTDOOR APPLICATION.

In addition to a full range of fasteners, Metallics carries other essential products for solar installations. These include Plug-It Conduit Plugs, Gasketed Knock-Out Seals to plug holes in panel boxes and red anchor kits.
ROOF JACK KIT

Metallics Roof Jack kits make the installation of heating or air conditioning equipment easy. Available in a range of sizes to simplify venting through roofs. Comes with jack, sealant strip, drive screws and a cable tie.
CABLE STACKER

Increase your productivity with Easy-Stack Cable Stackers, the versatile solution for a variety of cable management applications. Install with a nail, staple or screw into wood or metal studs.

ES-YL Series

CABLE CLIPS

Cable clamps screw into place, creating a secure anchor point. They are a familiar and reliable way to mount individual cables or a cable tie to be used for bundling, these clamps screw into place and hold tight. Available in black or natural nylon color in a range of sizes.

GRP-C Series
To order, contact your local sales representative.