



SOLAR SOLUTIONS

 BRIDGEPORT

 REMKE

 POLARIS

 METALLICS

OUR COMMITMENT

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.





WHAT WE PROVIDE



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

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COMBINER BOX

All conduit systems must be rated for the environment whether raintight or wet location. NSI has products especially designed for solar.



4361-RT



431-STLI



LB-42RT

PV ARRAY

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



SGB-382CL



162-G

DC DISCONNECT

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



251-RT2XL



1521-RT

AC DISCONNECT

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



142



1064-RT



SR-100

1

2

3

4

5



AC MAINS PANEL & METER

Keep your systems safe with specialized grounding and bonding products from NSI



POLARIS VISION TAP (SERVICE ENTRANCE RATED)



IGB-075



MCC-075



NSI

To order,
contact your
local sales
representative.



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.

LIQUIDTIGHT FITTINGS



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.

SR-050 Series

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.

4360-DC Series



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.

4369-LT Series

X-LONG THREAD RAINLIGHT 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.

250-RT2XL Series

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.

250-RT2 Series
250-SRT Series

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

260-RT Series
260-SRT Series

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.

250-RTNPT Series

WET LOCATION FITTINGS



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

CONDUIT BODIES



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.

LL-41CGC thru LL-46CGC
LR-41CGC thru LR-46CGC

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-41 thru LLR-46



Type LL/LR 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 hubs.

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.

RTK Series

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.

RHG Series

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.

RDC Series

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.

GROUNDING AND BONDING



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



GROUNDING CONNECTORS AND COUPLINGS



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.

ALI-SLR



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.

MC-050, MC-075 and MC-100
MCC-050, MCC-075 and MCC-100



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.

IGB-050 and IGB-075



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

IGBC-050 and IGBC-075



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.

GLA Series
GLC Series



GROUND CLAMPS



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.

GLC Series

COMPRESSION C TAPS



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.

CT Series

FLEXIBLE BRAID JUMPERS



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.

FS Series



SYSTEM AND INTERSYSTEM GROUNDING AND BONDING



GROUNDING AND BONDING BRIDGES AND BARS



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.

GBIAL Series



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.

1024 Series



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.

CB-11

GROUNDING AND BONDING

POLARIS®



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®

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.

IPCS Series

PRE-INSULATED CONNECTORS



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.

IT and IPLD Series



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.

ISPBS - ISPB series



COMPRESSION LUGS AND SPLICES

POLARIS®

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.

AL Series

AL-N Series



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.

L Series

L-N Series

GL Series

GLN Series

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.

ASC-T Series

SUPPLIES

/// METALLICS

WARRIORWRAP®

B BRIDGEPORT

POWER GRIP
CABLE TIES

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

UCS Series



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.

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



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.

900, 907 and 920 Series

RIGID/IMC CONDUIT STRAPS AND CLAMP BACKS

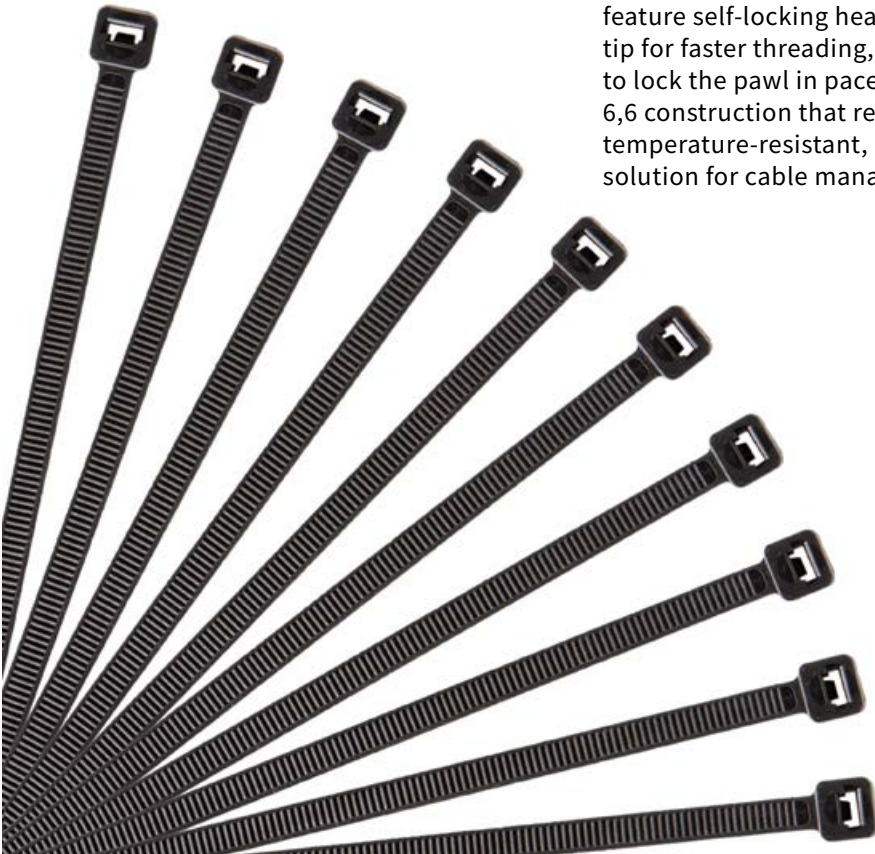


One piece / one hole universal clamp back and strap for securing a wide variety of cable and conduit including EMT, RMC, IMC, PVC/polyolefin coated rigid conduit and IMC and more.

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 place and a nylon 6,6 construction that results in a temperature-resistant, reliably strong solution for cable management.

GRP-UV Series

WARRIORWRAP®

WARRIORWRAP® HEAVY DUTY AND PROFESSIONAL VINYL ELECTRICAL TAPE

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

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.



SUPPLIES

/// METALLICS

WARRIORWRAP

(B) BRIDGEPORT

POWER GRIP
CABLE TIES

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

/// METALLICS

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.

RJK Series



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.

POWER GRIP[®]

CABLE TIES

GRP-C Series



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**