

April 2025

Electrical Products & Solutions™

The Purchasing Guide for Electrical Contractors

www.epsmag.net

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A List of Our Industry's
Leading Manufacturers
and Suppliers



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Profiles

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and side pull capabilities.**

COMPANYPROFILE

iTOOLco

About Us:



iTOOLco is a unique research and development company that has led the electrical tool industry with their groundbreaking designs since 2001. iTOOLco's inventors & Co-Founders David & Michael Jordan have developed and patented countless innovative products, pushing the envelope of what can be done to improve the lives of electricians and distribution partners alike. iTOOLco has been awarded prestigious accolades, including numerous NECA Showstopper Awards, for its groundbreaking work in

the electrical field. Based in Clinton, TN, iTOOLco is dedicated to creating the highest quality American made products, backed by an industry leading 6 year warranty. With real world experience as electrical contractors, brothers David and Michael Jordan have a deep understanding of the kind of quality, time-saving tools electricians depend on for doing the job right. Over the years iTOOLco has revolutionized the wire pulling market with the introduction of the first ever

12,000 lb. puller - the Cannon 12K, with built in reverse. As well as their Cordless Cannon 3K & 6K (the first on the market of each, respectively). Capable of reaching areas where power may not be available, these pullers allow users to achieve the same amount of power, without worrying where it will come from. Also known for their Gear Punch which includes lifetime replacement on draw studs, Tray Rollers, numerous Material Handling solutions, etc. iTOOLco ensures that no matter the job, we have a solution. ☐

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The Best of the Best?
You Decide!

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Electrical
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Electrical Products & Solutions™ is published twelve times a year on a monthly basis by ABD Communications, Inc., 3591 Cahaba Beach Road, Birmingham, Alabama, 35242, USA. Electrical Products & Solutions™ is distributed free to qualified subscribers. Non-qualified subscription rates are \$57.00 per year in the U.S. and Canada and \$84.00 per year for foreign subscribers (surface mail). U.S. Postage paid at Birmingham, Alabama and additional mailing offices. Electrical Products & Solutions™ is distributed to qualified readers in the electrical contracting industry. Publisher is not liable for all content (including editorial and illustrations provided by advertisers) of advertisements published and does not accept responsibility for any claims made against the publisher. It is the advertiser's or agency's responsibility to obtain appropriate releases on any item or individuals pictured in an advertisement. Reproduction of this magazine in whole or in part is prohibited without prior written permission from the publisher.

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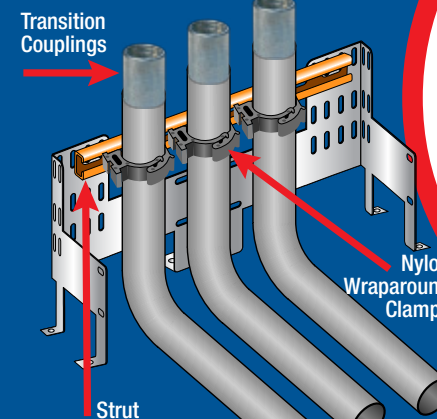
We're Proud to be the Electricians' Friend for Over 50 Years!

NEW
PRODUCT!

IP10a

EZ STUB-UP

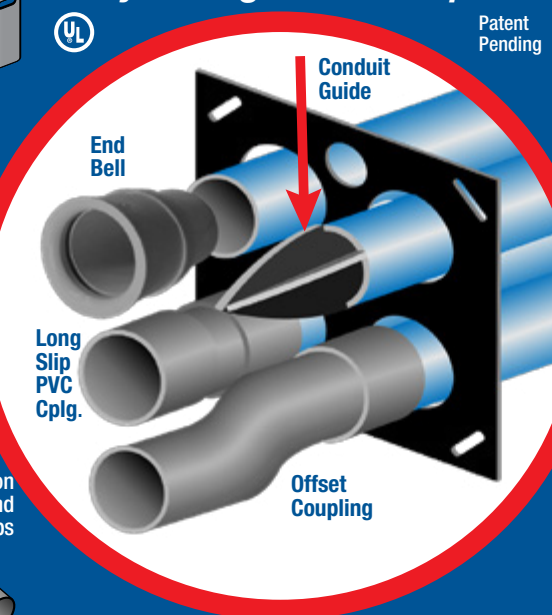
Join two EZ Stub-Ups with strut to support and secure multiple stub-ups on wooden forms before concrete pour for sizes 1/2", 3/4", 1" & 1-1/4" stub-ups with SP's Nylon Support Brackets and transition to RGB with our transition couplings.



IP1

Qwik Duct
Safer Better Faster

HDPE CUSTOM TEMPLATES
In Any Configuration Required



IP3b
IP3c

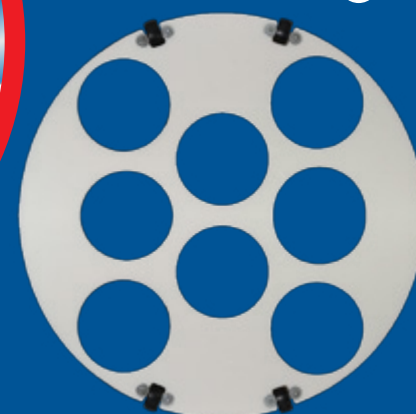
PVC Offset

Sizes 1/2" thru 6"
Meets Flexible
Madrel Test
Requirements



Bore Spacers

Sizes 1/2" thru 6"
Roll assembled conduit
into caissons and under
obstructions



IP2a

IP13a-p

Conduit Transition Couplings



Save Cost on the Rigid Nipple, Tape & Labor
Use for Entire Job - Not Just for Repair

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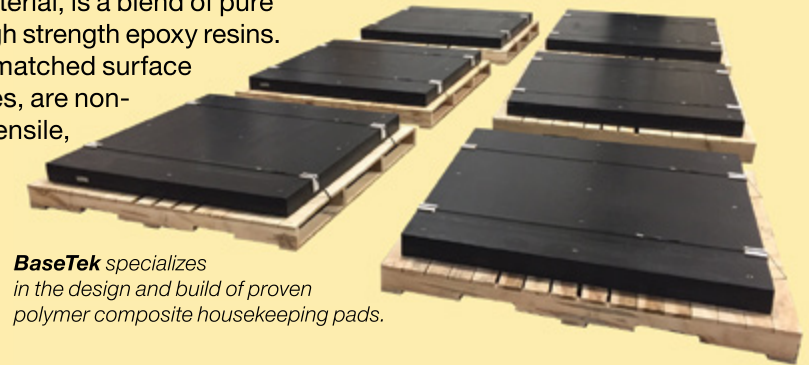


Made to order polymer composite HOUSEKEEPING PADS

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Protect Yourself

Miller Safety Consultants — A Leader in Arc Flash Protection

Vince Miller started Miller Safety Consultants, a veteran owned business in 1999. The goal of the business was to provide cost effective safety consulting, employee training such as: confined space entry, fall protection, electrical safety and provide sales of electrical shock and flash protective equipment and fall protection equipment to businesses in the Washington DC area.

Reliance Industries provided fall protection products and much of the sales and training was on behalf of the supplier. In 2000, the owner decided to retire from his business, and Vince decided to discontinue the fall protection line of his business and concentrate more in the electrical training and products.

Vince had been a distributor for Certified Insulated Products (CIP), a manufacturer of electrical insulated tools and electrical arc flash clothing manufactured by Otex in Rochester, New York. As a distributor, Vince provided sales through his internet website and much through relationships with electrical contractors. His training was a classroom environment and was provided directly to customers but he also taught as a sub-contractor for other safety consulting companies and the Chesapeake Safety Council in Baltimore,

Maryland. In 2005, Vince partnered with Vivid Learning Systems in Cascades, Washington to provide on-line training in safe work practices.

Training in electrical safe work practices is still provided locally in the Washington DC area and as a partner with an electrical engineering firm and online. The training is based on the Occupational Health and Safety Administration (OSHA) standards and the National Fire Protection Association (NFPA) 70E standard.

Miller Safety Consultants is now a distributor for Cementex USA, Burlington, New Jersey, for insulated tools and equipment and clothing from OTEX Protective, Rochester, New York.

The majority of his sales of products are from the web-based store. Cementex is nationally known for their quality equipment. Otex Protective is becoming

more known for their quality clothing. For years, they have manufactured their products under other provider labels. Vince chose to not create his clothing line, but to sell the manufacturer product.

Vince has worked with many electrical company employees to fine-tune the clothing to be more comfortable for the user. Working closely with the manufacturer, they have made slight changes in how the cloth pattern was modified to meet final production. An example is the lightweight 40 Calorie vented hood offered by Otex.

The material is of the latest technology. The vented assembly is constructed for balance on the back of the hardhat and the airflow is 27 CFM to prevent fogging of the face shield and provide cooling to the worker. It took over a year to develop the product with the user prior to having the hood “flash tested”. This product is now standard issue with many electrical contractors.

Being a small business and having quality providers has resulted in satisfied customers for Miller Safety Consultants. Being a direct supplier for OTEX Protective, another small business means customized customer needs can be met. □

For more information, visit
Miller Safety Consultants at:
www.electricalsafetyproducts.com, email
Vince at: sales@millersafetyltd.com.

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PYRAD



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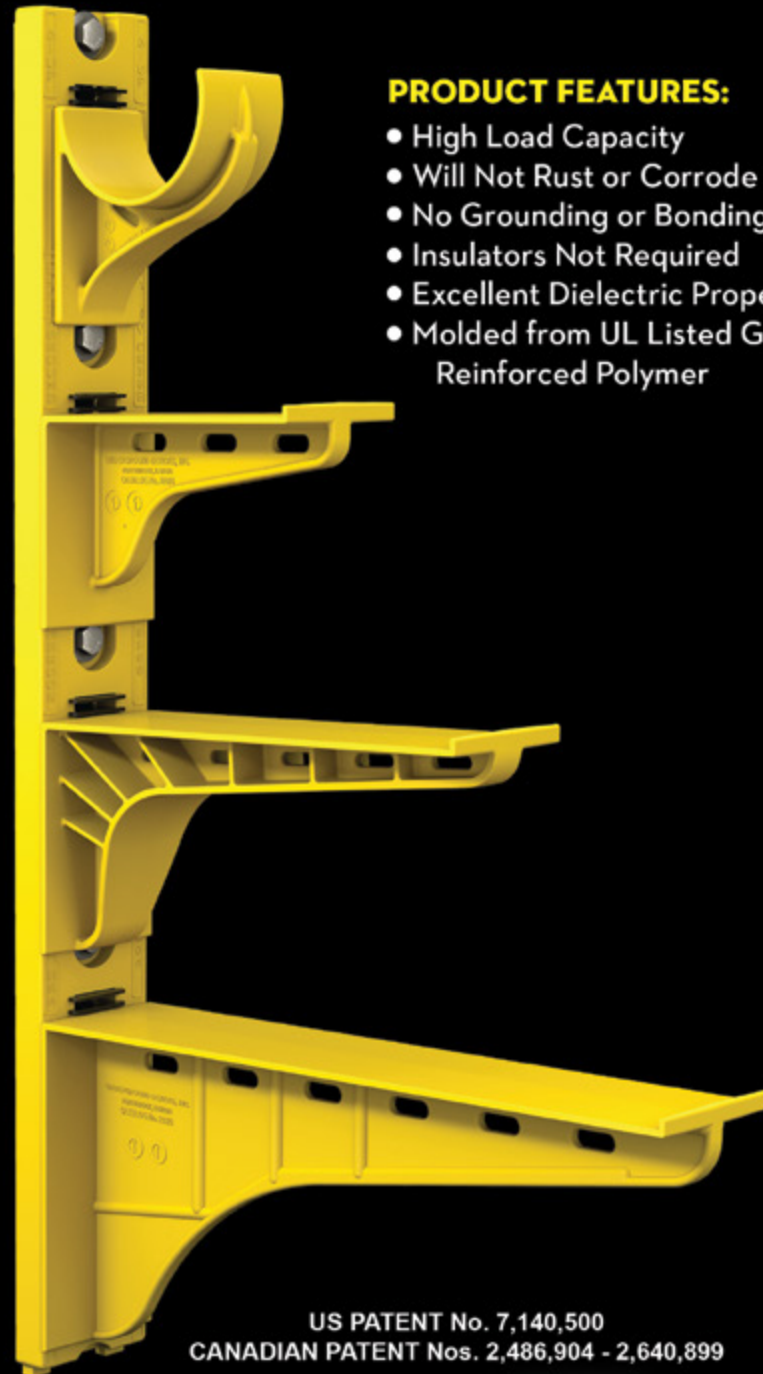
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US PATENT No. 7,140,500
CANADIAN PATENT Nos. 2,486,904 - 2,640,899



HDL Arm Lock shown with
RA04 Arm and CR36-B Stanchion



3HDS - 3" throat saddle shown with
a cable secured by cable ties.



RA08 - 8" arm shown with three
cables secured by cable ties.

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Russelectric, A Siemens Business, Highlights Advanced Service Plans for Critical Power Systems

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Russelectric, A Siemens Business, a leading manufacturer of power control systems and automatic transfer switches, highlights its Advanced Service Plans designed to optimize the performance and longevity of mission-critical power equipment. These service plans provide comprehensive preventive maintenance and priority response, ensuring the continued reliability of Automatic Transfer Switches and Generator Paralleling Control Switchgear.

Preventive maintenance is essential to reducing the risk of catastrophic property damage, unscheduled downtime, and total operating costs. NFPA 70B requires that an electrical maintenance program be established, with additional guidance provided by NFPA 70E, NFPA 99 Health Care Facilities Code, and NFPA 110 Standard for Emergency and Standby Power Systems. Russelectric's Advanced Service Plans help facilities maintain compliance while ensuring their systems operate at peak efficiency.

Russelectric Field Service Engineers are the only factory-authorized service providers for Russelectric equipment.

Available 24/7/365, these factory-trained experts have immediate access to replacement parts and direct support from Russelectric product engineers, providing unmatched service capabilities for critical power infrastructure.

An Advanced Service Plan from Russelectric ensures long-term operational stability and peace of mind for businesses that rely on mission-critical power systems.

Russelectric offers two levels of Advanced Service Plans to accommodate varying operational requirements. The Advanced Plan includes annual scheduled maintenance, priority emergency service response, labor, travel and expenses for

emergency dispatch, reduced labor rates for additional services, discounted service parts, and a comprehensive maintenance report. The Prime Plan provides all the benefits of the Advanced Plan while also covering replacement parts at no additional cost and offering deeper discounts on labor rates and additional services.

Both plans offer significant advantages over time-and-material service models, delivering faster response times, cost savings, and enhanced system reliability. Customers benefit from priority onsite dispatch, discounted spare or replacement parts, and access to Russelectric's parts distribution hub. An Advanced Service Plan from Russelectric ensures long-term operational stability and peace of mind for businesses that rely on mission-critical power systems.

For more information, please visit: www.russelectric.com.

¹ NOTE: This press release should not be construed as legal advice or relied upon for code compliance. Please consult your legal professional or AHJ for specific questions related to applicable local codes.

ABOUT RUSSELECTRIC

Founded in 1955, Russelectric®, A Siemens Business, provides high-integrity power control solutions for mission critical applications in healthcare, information technology, telecommunication, water treatment, and renewable energy markets. The company maintains vertically integrated manufacturing facilities in Massachusetts and Oklahoma, where it designs and builds a full line of automatic transfer switches, switchgear, and controls. Russelectric products carry the longest and most comprehensive warranty in the industry and are backed by a team of expert factory-direct field service engineers. To learn more about Russelectric products and the company's commitment to customer satisfaction, please visit www.russelectric.com, call (781) 749-6000, or email info@russelectric.com.



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Quality Engineered, American Made Liqueatite® Conduit

ELECTRI-FLEX COMPANY manufactures American made flexible conduit solutions from its facility in Roselle, IL. Liqueatite® conduits are also sourced from American-made materials, ensuring the highest quality engineered products that meet Build American, Buy America (BABA), Buy America (ARRA), and Buy American (BAA) compliance requirements. Local sourcing of conduit materials helps support American supply chains and provides faster deliveries than international options, helping customers complete projects faster while remaining compliant with those project requirements.

American Sourced High-Quality Materials

“We believe in US manufacturing,” states Jason Kinander, owner and CEO. “We also believe very strongly in buying US-made steel, plastic, and aluminum. We can control the quality of the product because it’s being produced right here in Roselle, IL, and we have a very extensive quality control department. We have control of the process from the time raw materials come in the front door, to the time it goes in the box and on the truck to our customers.”

Electri-Flex manufactures an assortment of Liqueatite® flexible conduits that are Made in the USA. These conduits solve design challenges

for any application, including data centers, transit, rail, bridges, airports, ports, utility, defense, and other key infrastructure installations. Liqueatite® offers a variety of conduit types that provide solutions for high/low-temperature environments, halogen-free or low smoke installations, UL/CSA requirements, liquidtight, UV-resistant, corrosion-resistant stainless steel, EMI/RFI shielding, and many more. Built to withstand extreme conditions and harsh environments, these conduits meet both local and federal requirements.



American Made Compliance

Liqueatite® flexible conduits are proudly Build America, Buy America (BABA), Buy America (ARRA), and Buy American (BAA) Compliant, key for federally funded infrastructure projects.

Build America, Buy America (BABA) was enacted in 2021 to boost domestic industry and create U.S. jobs. Under BABA, 65% of a product’s total cost

of components must be domestically sourced, and all iron and steel must be made in the United States - from the melting stage through the application of coatings. Additionally, the finished product must be manufactured in the U.S. to comply with this Act.

The Buy America Act (ARRA) was designed to encourage the use of domestically produced products for use in federal transportation construction projects, and it is administered by the Department of Transportation (DOT).

Buy America requires both the product and materials used to manufacture the product to be 100% sourced and produced in the United States. The Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and other Department of Transportation agencies can require Buy America Compliance for purchase in these transportation applications.

The Buy American Act (BAA), different from the Buy America Act, applies to all U.S. federal government agency purchases and similarly, requires products and materials to be American Made. However, Buy American requires 65% of the cost of the product’s components be mined, produced, or manufactured in the United States.

To learn more about American made Liqueatite®, visit <https://www.electriflex.com/liqueatite-flexible-electrical-conduit/american-made-liqueatite/>. □

ABOUT ELECTRI-FLEX COMPANY

Electri-Flex Company, a leader in electrical conduit design and manufacture for 70 years, produces Liqueatite®, the most diverse line of liquidtight flexible electrical conduit in the industry. The company offers custom design, engineering, quality assurance, and testing capabilities. For more information on Electri-Flex Company, call (630) 529-2920 or (800) 323-6174; fax: (630) 529-0482; e-mail: mktg@electriflex.com; visit: www.electriflex.com.



MADE IN AMERICA, FOR AMERICA

At Electri-Flex, we are proud to do our part in rebuilding America by providing top-quality, domestically sourced conduit made right here in the U.S. Our industry-leading Liqueatite® flexible conduit line is second to none, offering options for virtually every application, from data and defense to transit, rail and bridges. And backed by more than 70 years of family ownership, we look after your business as if it were an extension of our own. Because we believe that America deserves the best.

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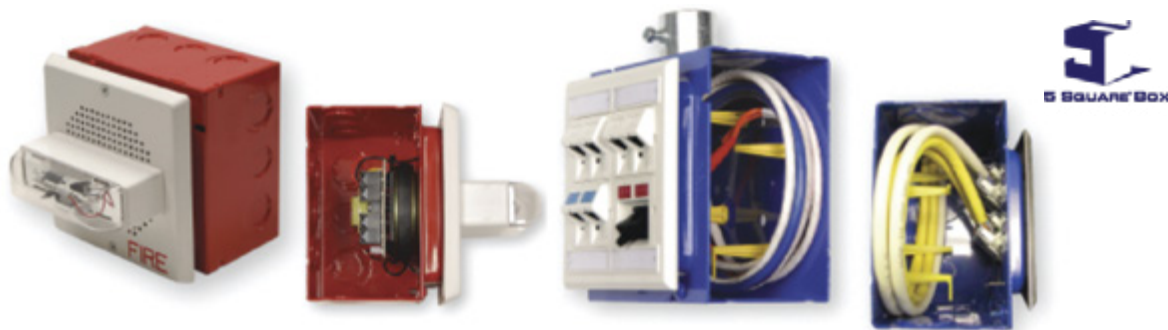


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Install Peace of Mind...

RANDL Industries products are BAA & BABA compliant



RANDL Industries, Inc. is an electrical box manufacturing company dedicated to creating innovative solutions to industry challenges. RANDL Industries, Inc. is located in Spokane Valley, Washington. They invented and manufactured the first ever 5 Square® products.

RANDL's Founder and President, Robert Hagarty, spent nearly 30 years as an electrical superintendent and foreman in the electrical construction and installation industry and has been a member of IBEW Local 73 for many years. Over the years, Bob began to notice that the occurrence of ground faults and short circuits in fire alarm systems had become an increasingly severe issue and began tracking the associated troubleshooting hours. Realizing that the problem stemmed from the use of standard electrical boxes, Bob designed and created an entirely new line of back-boxes which he named the 5 Square®. The patented 5 Square® Box (5" x 5" x 2.875") eliminates ground faults and short circuits at the appliance due to the added volume of the box and space around the perimeter of the appliance. The 5

Square® also dramatically reduces stress on terminals resulting in fewer damaged appliances. In addition, a major fire signal manufacturer allows a full complement of conductors to be routed in the box per NEC Table 314.16(B). This allows additional circuits and zones to be pulled through the 5 Square®, potentially reducing conduit. All of these advantages tend to save contractors \$20 - \$30 per installed appliance.

RANDL's second generation of innovative products culminated in their 5 Square® Telecommunications Box. What makes the 5 Square® Telecom Box so special? In addition to the increased size and volume, which allows for slack cable/service loop in the box, the 5 Square® Telecom Box incorporates a cable management system guaranteeing minimum bend radius as required by cable manufacturers. Historically, infringement of cable bend radii was not an issue, but due to current and future transmission rate increases, bend radius observance is now very critical. The 5 Square® Telecom Box supports categories 5e, 6, Augmented 6, 7, Augmented 7, and optical fiber cables as well as expected future generations of

cable sizes. Slack cable/service loop in the box reduces labor during installation as well as future maintenance labor which further increases cost savings.

Due to the value added benefits and related cost savings of the 5 Square® products many engineering firms, universities, hospitals, and government agencies have become avid proponents and specifiers of the products.

The 5 Square® Boxes have a complementary line of plaster rings that adapt from 5 Square® to 4 square and from 5 Square® to standard 1 and 2 gang openings in depths from flat up to 2 inches. There is also an adapter from 5 Square® to 4-11 for mounting fire alarm zone modules.

Create a Robust and Unrivaled Infrastructure for the Life of your Facility with the 5 Square® Products!

For more information on the 5 Square® Products please contact us at (509) 340-0050 or sales@randl-inc.com. You can also learn more at www.randl-inc.com. Thank you for choosing RANDL Industries, Inc. □

Avoid the dangers of foreign knock-offs and only buy American Made RANDL products!



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Fire Signal



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Telecommunications



- INTEGRAL CABLE MANAGEMENT
- SAVE LABOR...INCREASE PROFITS
- FACILITATES MIN. BEND RADIUS REQUIREMENTS
- SUPPORTS CURRENT AND EVOLVING SYSTEMS
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Class 00 Arc Flash Glove Kit

Class 00 arc flash glove kit from Cementex is a good option for a reliable kit for work with 500 Volts or less. The gloves are made of natural rubber construction, offering the required dielectric properties combined with flexibility, strength, and durability. Gloves feature rolled cuffs, and are anatomically shaped thereby reducing hand fatigue. Each glove is chlorinated for maximum comfort.

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- Leather protectors
- Canvas storage bag

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- Comply with ASTM F1505-01 standard
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WE BEGAN IN 1966 based on more than just making a fair profit. S-P Products Inc’s philosophy and dedication to making valid contributions to the industry began with “Econo-Whips”; no-center stop couplings and prefabricated assemblies. Our first whip machine we produced was in 1969;any size, length, steel or aluminum flexible conduit, MC Cable, Liquidtite, Cord Romex, etc., with any type connectors attached. Then we moved to wire harnessing by innovating industry with “one pull and you’re done” concept thus minimizing waste and increasing efficiency. We moved on with our UL Listed Qwik Duct templates meeting job and engineer specifications on many high profile jobs throughout the country.

Our motto is to care for our country, industry and electricians by encouraging everyone to buy and install quality Made in the U.S.A. innovative products for

Safer-Better-Faster jobs and provide opportunities with fair compensation for current and future generations in this country. We develop and promote products that accomplish these goals and are proud to being the electrician’s friend by providing them the satisfaction of making valuable contribution to the industry and receiving fair compensation for their ideas. We also provide excellent quality and service at competitive pricing. S-P Products provides labor saving devices and products to ease electrical

construction projects. Products like EZ PULL EZ READ Wire Harnesses, Qwik Duct Templates, Transition Fittings, Conduit and Box Support Plates and Trapeze Brackets are some of our high quality, innovative products providing certifications and meeting industry standards . Many of our products have been invented by experienced electricians. We are very proud of being a dedicated NJATC Training partner, striving to improve our industry any way possible. Our manufacturing facilities help keep electricians off the bench and good paying jobs in our country. Think of us as your Prefab shop to meet all high demand requirements and fast paced projects by bidding quicker and securing more jobs. Visit us at www.spproducts.com or call us 1-800-233-8595 with your IDEAS, inquiries and we will be your partner on your road to success. □

.....
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New Products
Safer Better Faster

IP19

4-Conduit Block

Vertical support from only one 1/4", 3/8" or 1/2" threaded or threadless rods 1/4" or 3/8" threaded holes on the side along with slots for hex head bolts for hardware are provided for conduit support .

IP21a

QwikBlock

Vertical support from only one 1/4", 3/8" or 1/2" threaded rod by attaching two machine screws 1/4" x 20 thru the existing holes in back of the box Eliminates knocking out center KO on box and traditional nut and washer method to support a single box.

IP20a

Box Support Rod Cubes

Vertical support from only one 1/4" or 3/8" threaded or threadless rod with 4 holes for Gripper applications as well as 4 threaded 1/4" or 3/8" holes for conduit support hardware.

IP3e

PVC Guide

IP2b

PVC Driver

TE15

Conduit Layout Tool

IP3g

Long Slip PVC

IP3f

Slip PVC/RGD

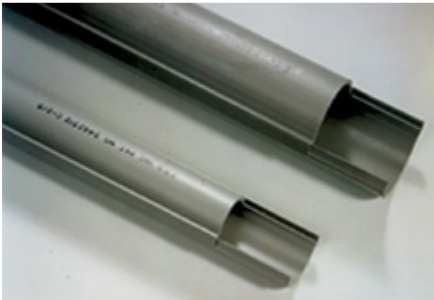
IP4

EZ Raised Bracket

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Conduit Repair Systems, Inc.



The old saying, “necessity is the mother of all inventions” holds true for Conduit Repair Systems, Inc. Our split conduit products were originally designed and developed by a cable TV technician and his father-in-law that worked as an engineer. The technician found that he needed a repair product that truly restored damaged PVC pipe to its original state. The technician did some research and found that what he needed didn’t exist at the time. The two men then developed our patented snap together split conduit products. Since the early days of the company, many additional applications for the products have since been discovered including enclosing exposed cables, relocating aerial lines to underground, enclosing cables on bridges, protecting cables on telephone poles, enclosing fiber optics, and relocating cables along roads.

Conduit Repair Systems, Inc. formally began business operations in 1995 and has seen exponential growth ever since. Our company is headquartered in St. George, Utah, which is located about 100

miles North East of Las Vegas, Nevada along Interstate 15. The company chose St. George because of its reputation as the “Palm Springs” of Utah. The warm weather, the world-class golf courses, combined with a very qualified work force made the selection to locate in St. George very easy. Over the past thirteen years Conduit Repair Systems, Inc. has become the world-leading manufacturer of split conduit products. Conduit Repair Systems manufactures split conduit, split couplings, split sweeps, and other related split conduit products specifically designed for electrical, cable TV, and communications applications.

CRS offers its products in a variety of sizes including 1 inch, 1 ¼ inch, 1 ½ inch, 2 inch, 2 ½ inch, 3 inch, 4 inch, 5 inch, and 6 inch.

Conduit Repair Systems, Inc. executive staff consists of highly qualified professionals. The President of the company, David Clove, is a CPA and is also a former Finance Manager for Arizona Public Service. Our National Sales Manager, Paul McMullin, brings twenty years of industry sales experience to the company. All of our manufacturing personnel also have many years of professional experience in the plastics industry.

CRS currently services public utilities, rural electric associations and co-ops, cable TV companies, telephone companies, and electrical contractors through a wide range of distributors located throughout the United States, Canada, Mexico, Japan, Europe, and the Middle East.

If you would like more information regarding our company you can obtain additional information at our website located on the Internet at www.conduitrepair.com.

We believe that no one helps you repair or protect your underground distribution or cable network like

Conduit Repair Systems, Inc.! □

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No Tape • No Plastic Straps • No Metallic Straps

NO KIDDING!

Designed especially for power, communications and fiber optics.



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1X4FT Panel

Warehouse Pick Up Price	Ship Price
\$19.75	\$24.75



2X2FT Panel

Warehouse Pick Up Price	Ship Price
\$19.55	\$24.55



2X4FT Panel

Warehouse Pick Up Price	Ship Price
\$27.57	\$32.57

Product Features:

- Backlit technology that offers even lighting distribution without shadowing.
- Color selectability allows for changing between 3500K, 4000K or 5000K.
- Wattage/Lumen selectable versions: three different lumen outputs in the same product.
 - Emergency battery back-up unit.
 - The range input voltage 120-277V.
 - 125 lumens per watt -CRI>80
 - DLC Premium/DLC Standard

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The backlit Panels are the high efficiency solution for offices, schools, hospitality and retail areas.

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See Our Conduit Plug
See page IP27c



See Our REAMING BITS for Transition Couplings



See page IP15

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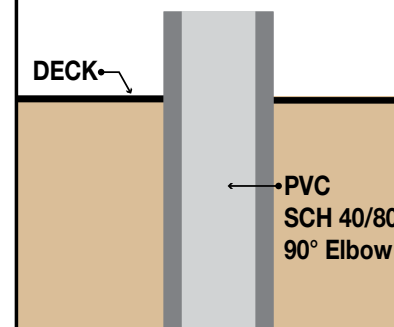
1/2" thru 6"

Transition Couplings

Size	Catalog #
1/2"	50-PVC-R-GRC
3/4"	75-PVC-R-GRC
1"	100-PVC-R-GRC
1-1/4"	125-PVC-R-GRC
1-1/2"	150-PVC-R-GRC
2"	200-PVC-R-GRC
2-1/2"	250-PVC-R-GRC
3"	300-PVC-R-GRC
3-1/2"	350-PVC-R-GRC
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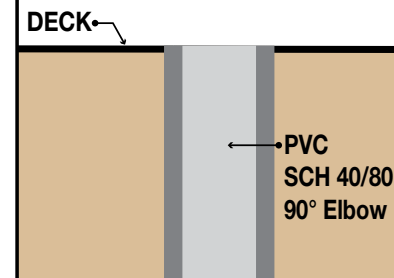
All Above Meet UL651
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STEP 1



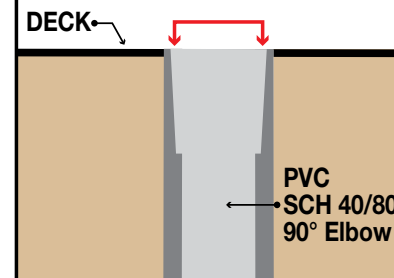
STEP 2

Cut SCH 40/80 PVC Elbow Flush to Deck

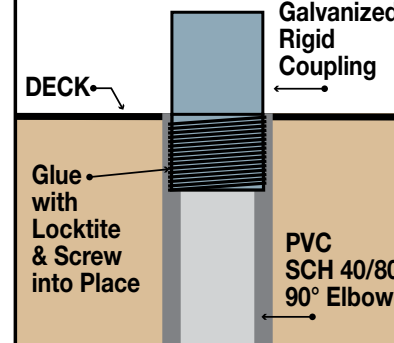


STEP 3

Ream out 1/2 of wall thickness SCH 40/80 PVC Elbow



STEP 4



Customer must satisfy all codes and owners' specifications.

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NEWPRODUCTS

Mudr ArcCove 3 in. & 4 in.

Mudr ArcCove is a compact corner-mounted recessed cove channel with an illuminated reveal. It features soft indirect light designed to illuminate corners at wall-to-wall and wall-to-ceiling intersections. Available in 3- and 4-inch models, both are compatible with 5/8-inch drywall, and Mudr ArcCove 3 in. is also compatible with 1/2-inch drywall.

Designed to easily wrap around corners without the need for soldering or corner connectors that can create dark spots, the Mudr ArcCove features a paintable surface for seamless integration with any decor or color palette. A Linking system provides a straightforward solution for connecting and perfectly aligning profile sections, ensuring a seamless, unified appearance without visible gaps or misalignment.

For more information, visit www.alloyled.com



DMF Lighting Announces Winners of the DMF Design Awards 2025

Recognizes outstanding lighting design projects and the talented designers that creatively incorporate DMF products

DMF Lighting, a leading architectural lighting manufacturer of premium modular LED downlighting systems, has announced the winners of the DMF Design Awards 2025, recognizing and celebrating outstanding projects and the exceptional work of the talented designers. The prestigious competition highlights the most innovative and visually compelling projects from designers, architects and custom installers from across the United States, all showcasing the creative use of DMF Lighting products.

"We are thrilled to celebrate the extraordinary talent and innovation in this year's submissions," said Founder and President Mark Danesh," DMF Lighting. "These projects demonstrate how lighting can transform spaces and elevate design."

The DMF Design Awards 2025 winners and prizes include:

- **First Place:** Goldfinch Residence, San Diego, California, designed by Matthew Segal, Matthew Segal AIA. The firm received a \$20,000 monetary award and an all-expenses-paid trip to LEDucation 2025 in New York City.
- **Second Place:** AIA|LA + ACLA Center for Communities, Los Angeles, California, designed by Clay Holden, Clay Holden Architects. The lighting design was done by HLB Lighting Design and the MEPT Engineer on the project was Introba. Clay Holden Architects received a \$5,000 cash prize.
- **Third Place:** Potawatomi Casino, Milwaukee, Wisconsin, designed by Teresa Haas, Ring & DuChateau. The firm received a \$2,500 cash prize.

For more information, visit www.dmf-lighting.com

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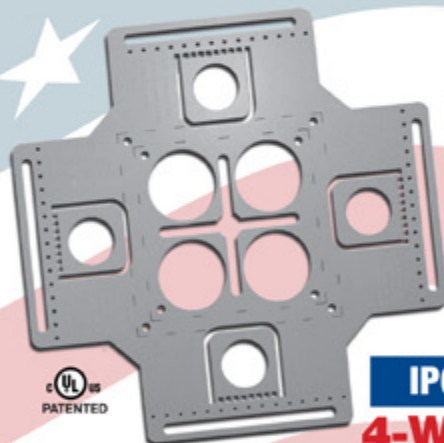
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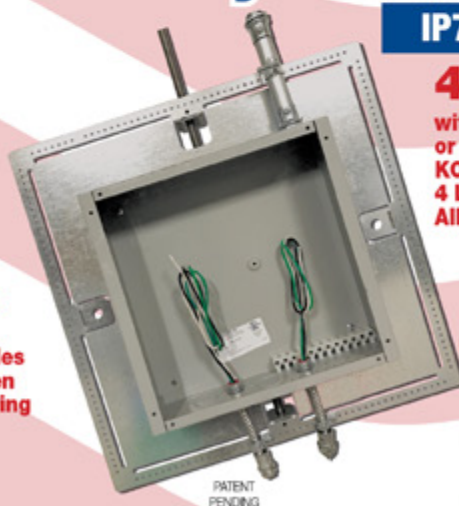
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