

April 2024

Electrical Products & Solutions™

The Purchasing Guide for Electrical Contractors

www.epsmag.net

Manufacturers' Directory

A List of Our Industry's
Leading Manufacturers
and Suppliers

ELECTRICAL PRODUCTS & SOLUTIONS
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company
PROFILE

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. □

Interested? Give us a call at 865-670-3713. Or visit us online at www.iTOOLco.com.



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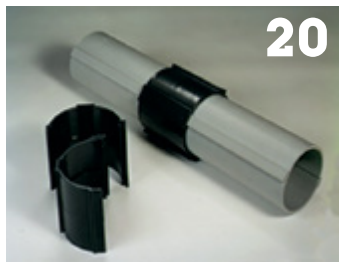
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You Decide!

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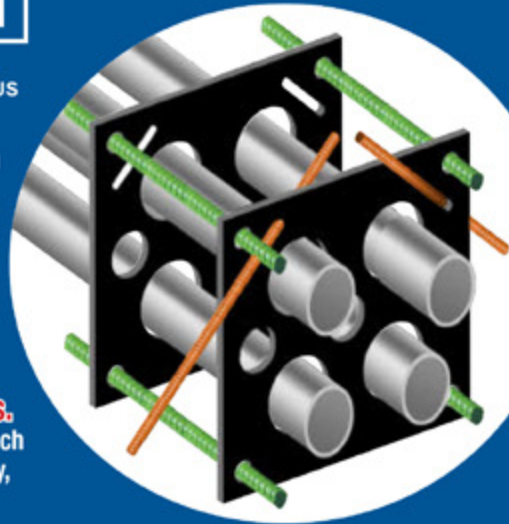
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Installation!



IP1
cULus
Patent Pending



Assemble Conduit Above Trench-
No Workers Below -
Prevents Injuries and Deaths.
Also Allows Digging a Narrower Trench
for Less: Excavation, Concrete, Slurry,
Backfill & Shoring.

IP3b
Patent Pending



PVC Offset
Sizes 1/2" thru 6"
Meets Flexible Mandrel
Test Requirements

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

IP2
cULus



IP13A-F

Conduit Transition Couplings



IP15

End Bell
Adapter
Schedule
40/80 PVC

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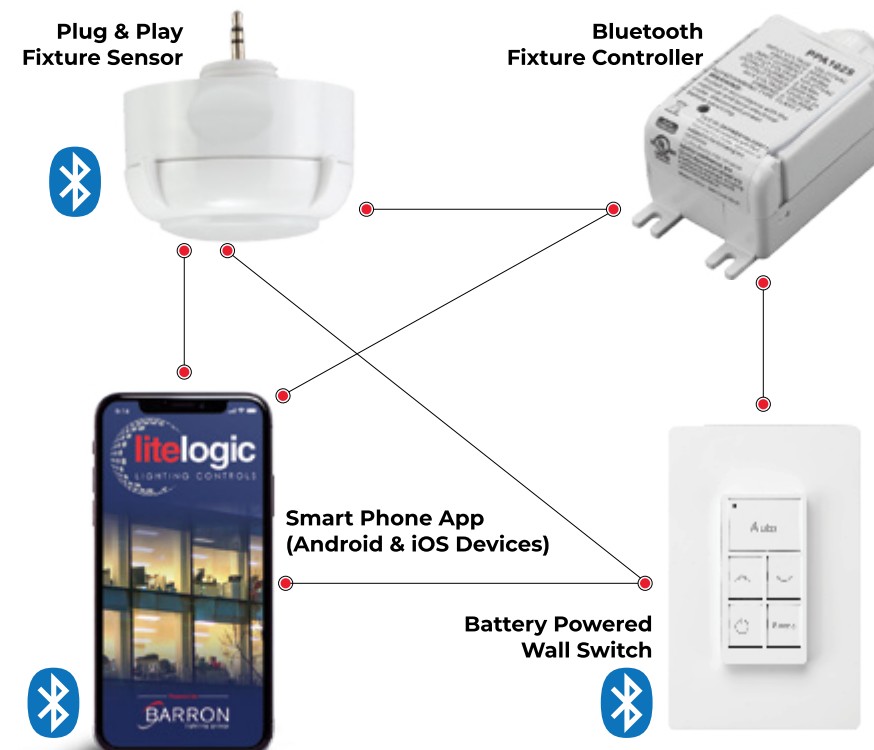
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Protect Yourself

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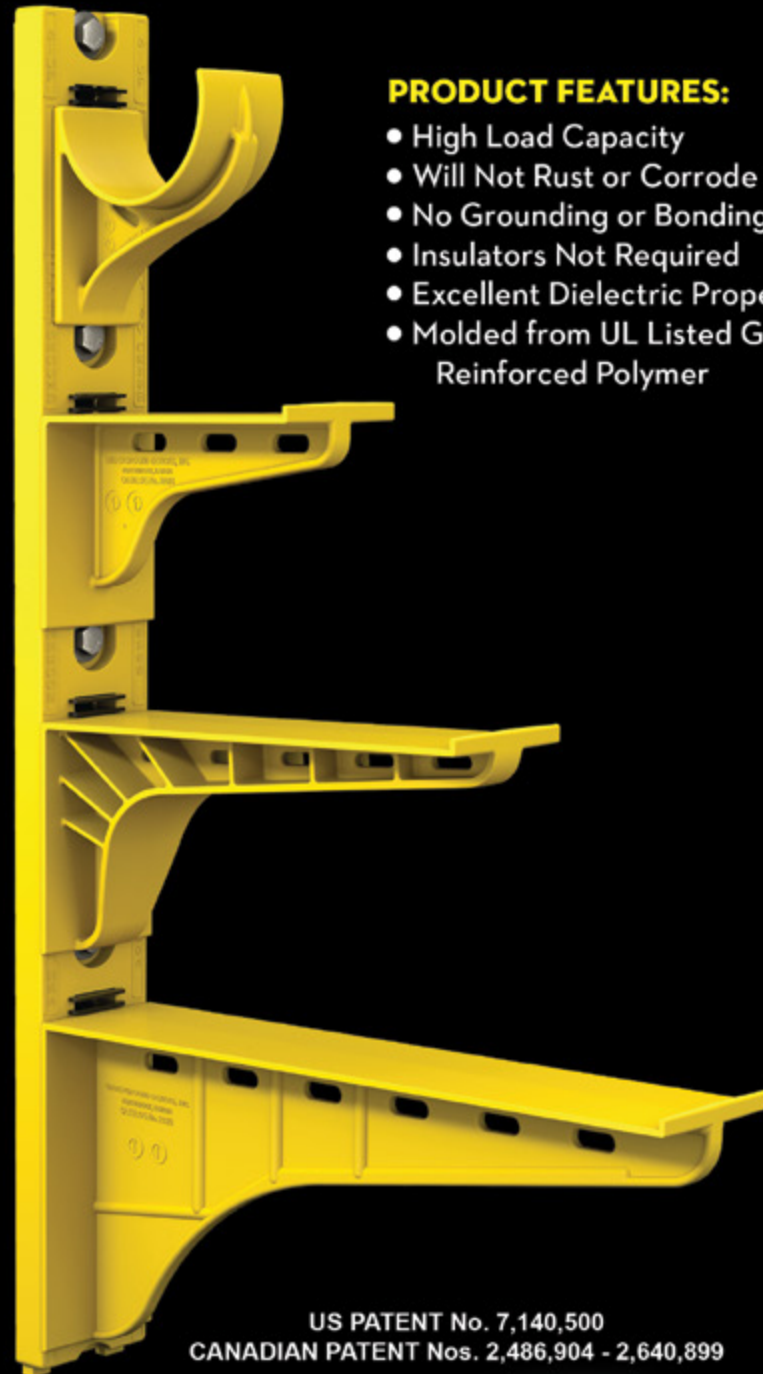
HDL Arm Lock shown with
RA04 Arm and CR36-B Stanchion



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



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



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

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CONSIDER IT SOLVED™

Barron Lighting Group Appoints Paul Gray as Director of Growlite

Barron Lighting Group is excited to announce the addition of Paul Gray to their executive team as the Director of Growlite – the company’s division specializing in lighting for the horticulture industry.

Bringing over a decade of dedicated experience in the horticultural sector, Paul Gray joins Barron Lighting Group with a wealth of knowledge and an impressive track record of driving growth and fostering innovation in horticultural lighting solutions. Previously the Director of Plant Science Solutions, Paul ensured the scientific integrity of the company’s offerings, playing a pivotal role in aligning technical solutions with client needs.

Paul’s influential tenure in the industry is marked by leadership roles where he excelled as the National Horticulture Sales Manager, and another in which he significantly expanded the company’s horticulture division as the Senior Director Horticulture Lighting Sales. Known for his results-driven approach, Paul nearly doubled annual sales revenue and



impressed the market with pioneering advancements such as delivering the first DLC-certified LED Horticultural fixture.

An expert in the field, Paul holds a Master’s degree in Plant Pathology, Botany, and Statistics, coupled with a Bachelor’s degree in Biology

from Stephen F. Austin State University. His experience is complemented by his proficiency in project management, marketing strategy, and technical consultation, making him an integral addition to the Barron Lighting Group family.

Paul Gray’s appointment reinforces Barron Lighting Group’s commitment to innovation and customer-focused solutions. Under his guidance, Growlite is expected to reach new heights of product excellence, empowering plant cultivators and researchers through state-of-the-art lighting technologies.

“We’re thrilled to welcome Paul Gray to the Barron Lighting Group team,” said Alan Tracy, CEO of Barron Lighting Group.

“Paul’s expertise in horticultural science and technical sales will be invaluable as we continue

to expand and enhance our Growlite product offerings. We’re confident his leadership will help us provide even more value to our customers.”

For more information about Growlite by Barron Lighting Group, please visit our website Growlite.com. □

ABOUT BARRON LIGHTING GROUP

Barron Lighting Group has a 50-year history of manufacturing high-quality, reliable lighting solutions. With a focus on innovation, quality, and customer service, Barron provides a wide range of products for industrial, commercial, and specialized applications, including Growlite – a brand dedicated to the advancement of horticultural lighting.



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Appleton™ Retromaster LED Series Luminaires

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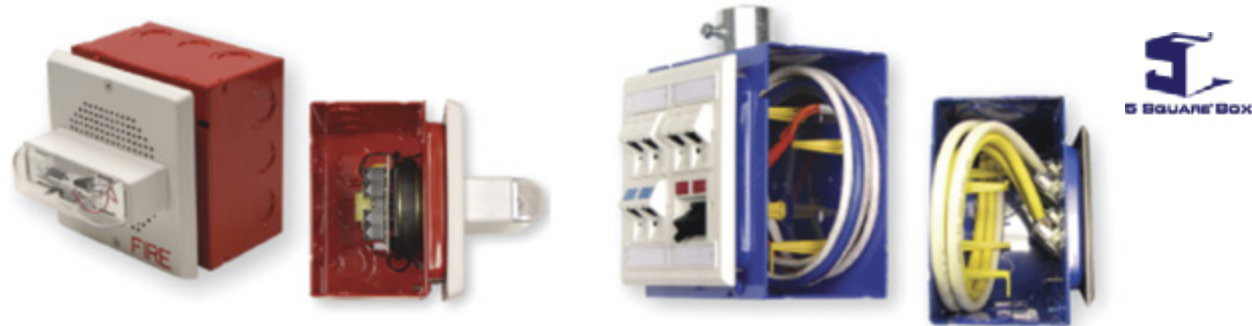
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Install Peace of Mind...



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 Unrivalled 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. ☐

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Create a robust and unrivalled infrastructure for the life of your facility with the 5 Square® Products!

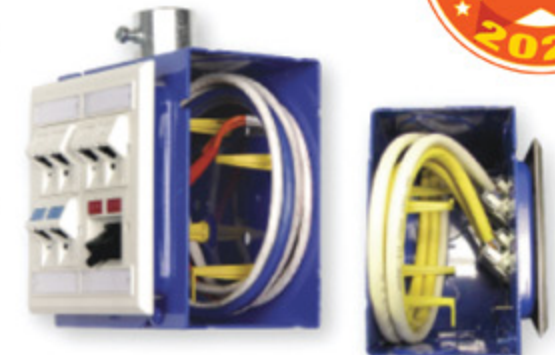


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Our motto is to care for our country, industry and electricians by encouraging everyone to buy and install quality Made in the U.S.A. innovative products for



Safer-Better-Faster jobs and provide opportunities with fair compensation for current and future generations in this country.

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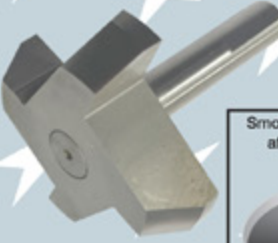
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IP15a

Chamfer Bit
for PVC SCH 40/80




PATENT PENDING



IP27b

Electro Post EP-10
Box Support Bracket




Mounts on all standard stud widths of 2-1/2", 3-5/8" or 6"


PATENT PENDING

IP15b

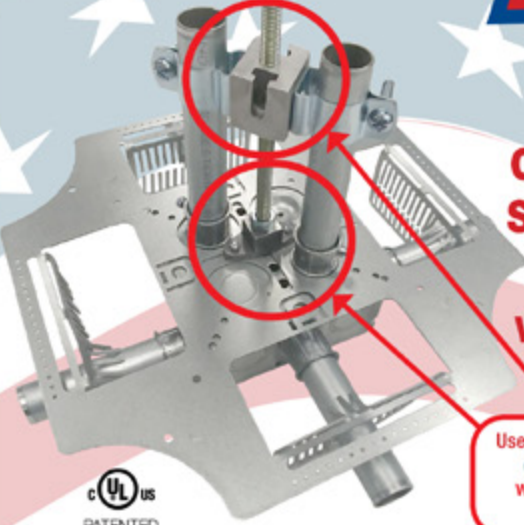
Chamfer Bit
for Aluminum EMT



PATENT PENDING



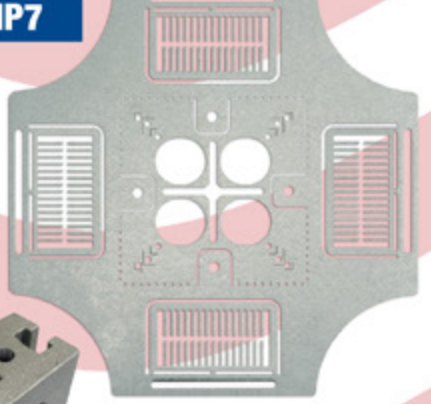
NEW PRODUCTS



PATENTED

Use 4-Conduit Block (IP19 or IP20) with QwikBlock (IP21a)


IP7



IP21a

QwikBlock


PATENT PENDING



IP19/20

4-Conduit Block


PATENTED



PVC Running Thread SCH 40/80 Up to 30" Long

PATENT PENDING

IP3d



NEW Transition Fittings

Saves a Great Deal of Time Repairing Conduit


The Inside Diameter Remains the Same

Allows for Trouble Free Wire and Cable Pulls

IP13p

3/4" MC Cable to PVC


PATENT PENDING



IP13q

PVC Reducer

PATENT PENDING




Male Threaded PVC Offset

IP3c

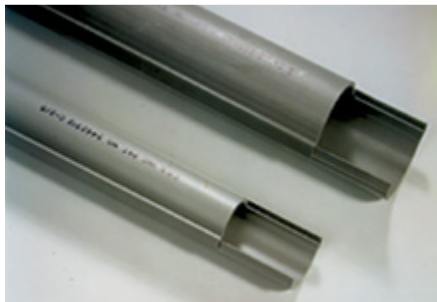
1/2" thru 3" Offset for Conduit Sizes 1/2" thru 6"

PATENT PENDING



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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

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Designed especially for power, communications and fiber optics.



STEP 1
Remove damaged conduit



STEP 2
Cut split duct conduit to fit



STEP 3
Snap in place

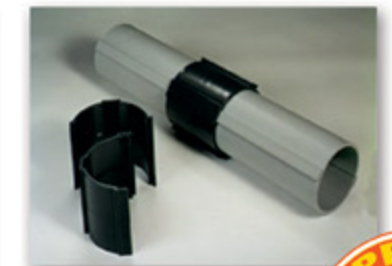
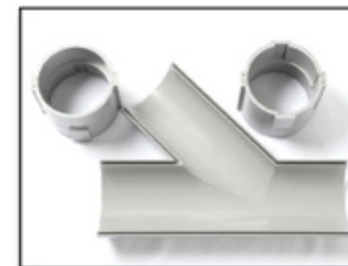
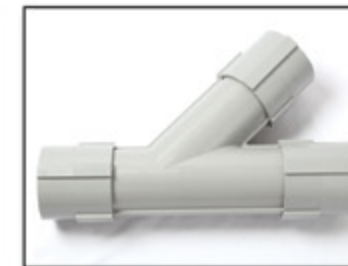


STEP 4
Attach adapters



STEP 5
Finish job in record time

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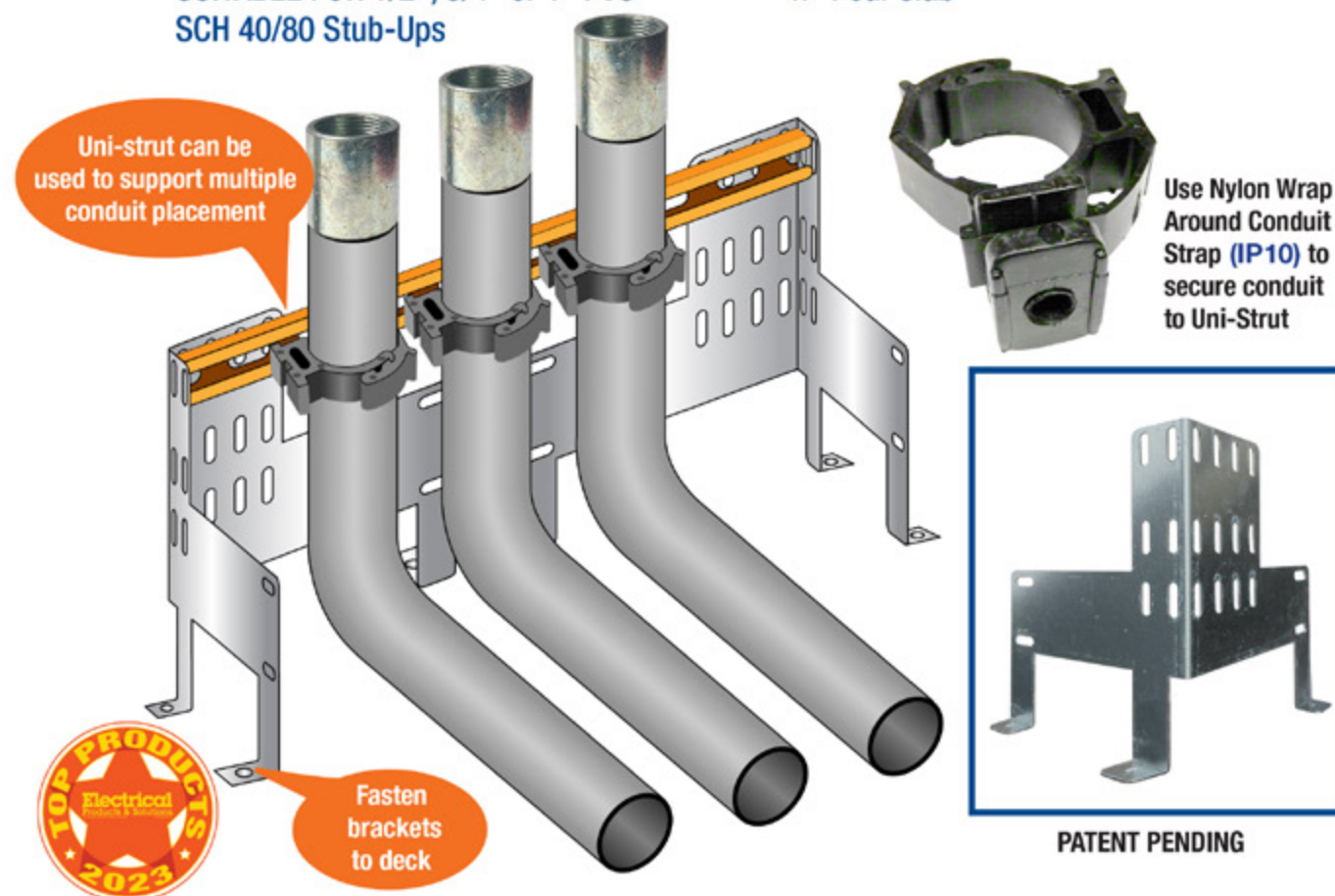


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Precision Detection™ Smoke and Carbon Monoxide Alarms

Resideo, maker of BRK brand fire safety products, has introduced Precision Detection™ advanced sensing technology smoke and combination smoke and carbon monoxide alarms, which are designed and tested to provide early warning in the event of a home fire emergency, while also reducing nuisance alarms as the technology better differentiates non-threatening from threatening smoke.

For more information, visit
www.brkelectronics.com



Milwaukee® Delivers Improved Power and Drives Professional Productivity

Driving innovation for the remodeling and carpentry professional, Milwaukee Tool delivers the second generation M12 FUEL™ 5-3/8" Circular Saw, providing the most power, in a compact size. Integrated with premium features for improved performance, this new compact circular saw offers increased jobsite productivity and unmatched portability in size and weight.

Driving best in class for performance, M12 FUEL™ 5-3/8" Circular Saw delivers quick work of ripping and cross-cutting sheet goods and dimensional lumber. The POWERSTATE™ Brushless Motor provides the power required for tough cutting applications, minimizing bog down through larger lumber to eliminate user frustrations. When paired with a M12™ REDLITHIUM™ HIGH OUTPUT™ XC5.0 battery pack, the compact circular saw can make up to 190 cuts per charge in 2X4 lumber providing maximum uptime on jobsites.

As the most compact and lightweight design in its class, Milwaukee's new circular saw delivers portability and convenience for cuts in smaller spaces, overhead, and when the capacity of a larger saw is not needed. Other premium features include an LED light for greater visibility, cut line blower for more accurate cuts and an integrated hang hook for greater storage solutions.

The new M12 FUEL™ 5-3/8" Circular Saw joins the M12™ Cordless System, the largest sub-compact system on the market, focused on delivering industry-leading durability and the ability to complete applications in the tightest spaces. Currently, the M12™ System is made up of more than 150 solutions.

**M12 FUEL™ power tools are designed, engineered, and built to deliver extreme performance and productivity. All M12 FUEL™ products feature three Milwaukee®-exclusive innovations—the POWERSTATE™ Brushless Motor, REDLITHIUM™ Battery Pack and REDLINK PLUS™ Intelligence Hardware and Software—that deliver unmatched power, run-time and durability on the jobsite. Simply put, M12 FUEL™ tools are the most powerful sub-compact cordless tools in their class.*

For more information, visit
www.milwaukeetool.com

High Bay Linear HLS Series - Controls Ready

The HLS LED High Bay Linear Series offers industry leading efficacy (150lm/W), customizability with CCT select switch and scalability with a Wattage select model, for high ceiling applications such as warehouses, distribution centers, manufacturing facilities and big box retailers.

- CCT selectable 4000/5000K
- Wattage selectable on all models
- Lumen output: 12,000 - 60,000
- V-hooks and 40" knotted chain
- 10-year standard warranty

For more information, visit
www.maxlite.com



Cementex Highlights Contractor Series of Arc Flash PPE Task Wear

High quality, classic protection of personnel around energized equipment

Cementex, the safety tool specialists, highlights the Cementex Contractor Series of Arc Flash Protective Clothing PPE, a simple option that does not sacrifice quality or safety. While still using premium USA labor and materials, Cementex offers Arc Flash Task Wear with reliable, classic protection for the safety of personnel in environments in and around energized equipment.

The Contractor Series provides a total system of arc-rated protective clothing with kits that include hood, hard hat, coats, pants, coveralls, ear canal hearing protection, and safety glasses or goggles, as well as optional gloves and hard hat liners or balaclavas as needed.

This PPE is available in 8 CAL/cm² and 40 CAL/cm² levels of protection and complies with the NFPA 70E® and CSA Z462 standards. It covers Category 1 and 2 with the 8 CAL/cm² and Category 3 and 4 with the 40 CAL/cm² for complete protection with minimal redundancy.

The 40 CAL/cm² Contractor Series of Arc Flash PPE Task Wear is compatible with an innovative ventilation system that ensures greater air circulation, provides cooling, reduces the risk of dehydration, and makes long-term wear easier and safer for users.

In addition to the Contractor Series of Arc Flash Protective Clothing PPE, Cementex also offers the Feature Series for the next level of comfort, safety, durability and protection and the UltraLite Series, with innovative design and materials for the lightest, most comfortable Arc Flash PPE Task Wear available. All Cementex PPE is made with USA labor and materials to ensure quality and peace of mind.

For more information, visit
www.cementexusa.com

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IP19/20

4-Conduit Block
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Use 4-Conduit Block (IP19 or IP20) with QwikBlock (IP21a)

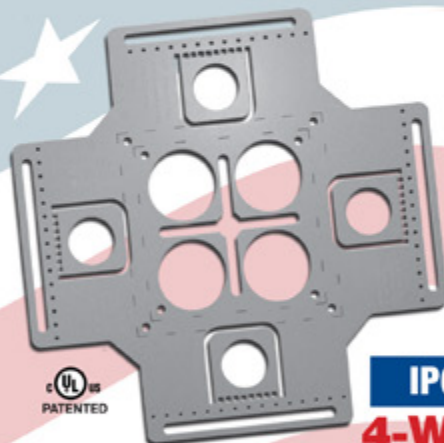
IP6d

2-Way

with Split Fingers for Horizontal or Vertical Installation



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IP6

4-Way

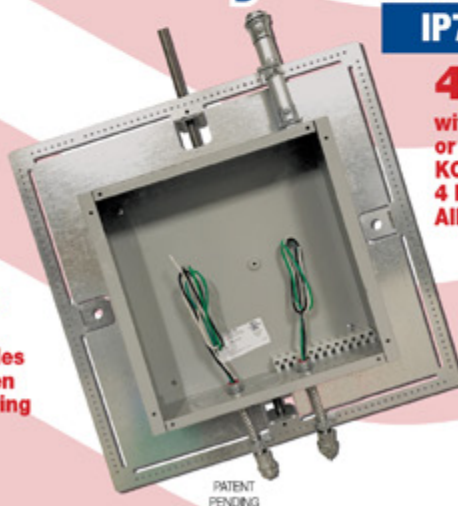
Enter Any KO on All 4 Sides of the Box Plus 4 Large Open KOs in Center Allows Entering Back of Box



IP6a

2-Way/Half

Enter Any KO on 1 or 2 Sides of the Box Plus Large Open KOs in Center Allows Entering Back of Box



PATENT PENDING

IP7

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