

PRODUCT CATALOGUE

EMT | RIGID | CONDUITS & FITTINGS



National PALS is a leading provider of electrical conduit solutions for your infrastructure requirements. Since 2010, Every day, everywhere, thousands of electrical products come in handy. From household appliances to industrial production machinery, we depend upon electricity to support the life we enjoy and make it more fantastic. It takes a lot more than an outlet on the wall to bring the power of electricity into our lives, and what's more other devices in usage is to combine conduits and fittings, boxes and connectors, and something accessories applied in construction. From the range of BS conduit and fittings to EMT conduit and fittings, from the series of GI boxes to Flexible conduit, from the kind of strut channel to other electrical accessories, our comprehensive supply chain is continuously improving for being perfect.

Sometimes when you are alone and being calm down Take a look around. Turn back the walls of these buildings, look inside the electrical appliances that fill your home or workplace or mansions and department stores besides the road, you'll discover hundreds of electrical products help connect and transmit electricity for daily use.



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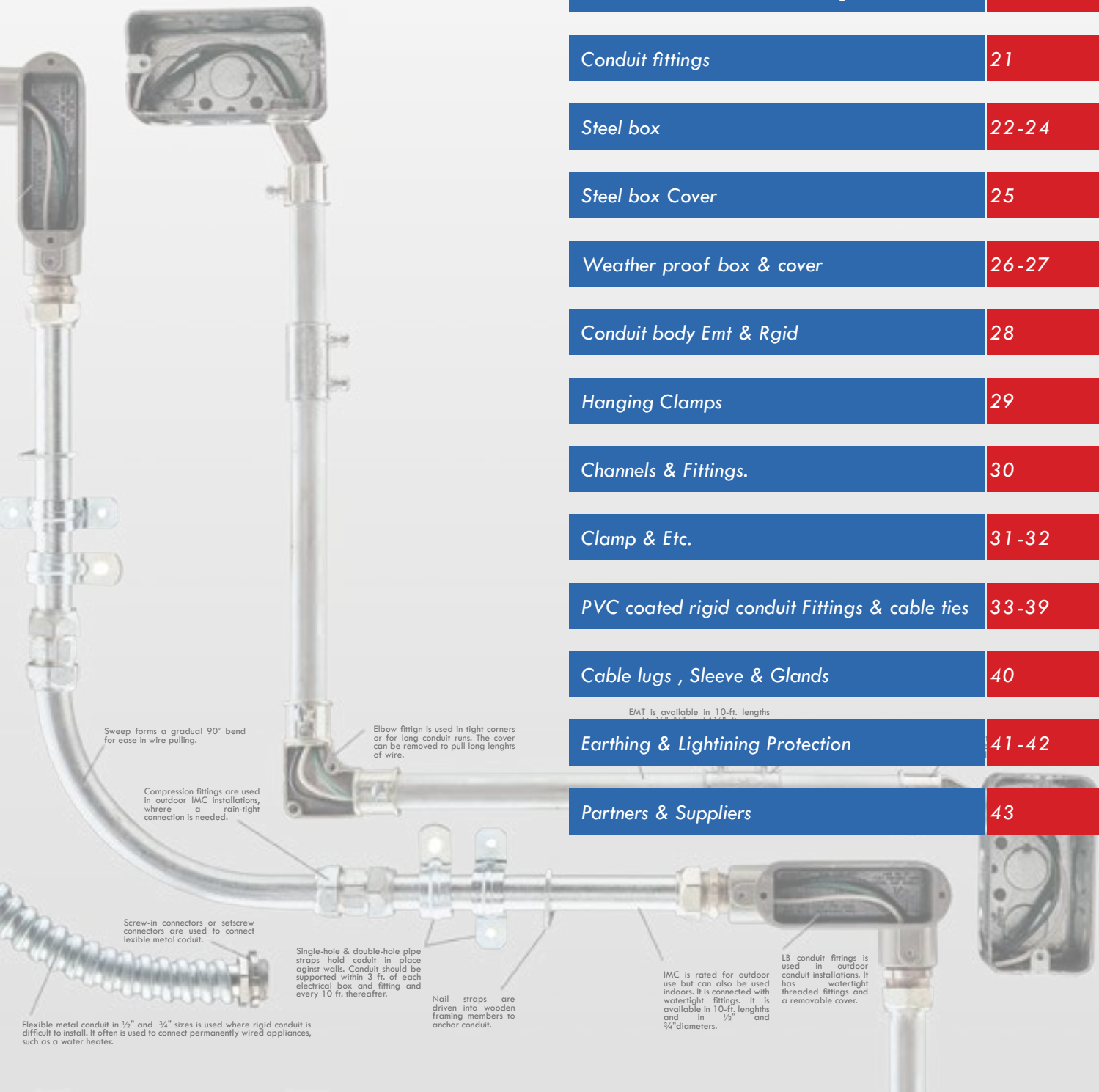
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Sweep forms a gradual 90° bend for ease in wire pulling.

Elbow fitting is used in tight corners or for long conduit runs. The cover can be removed to pull long lengths of wire.

Compression fittings are used in outdoor IWC installations, where a rain-tight connection is needed.

Screw-in connectors or setscrew connectors are used to connect flexible metal conduit.

Single-hole & double-hole pipe straps hold conduit in place against walls. Conduit should be supported within 3 ft. of each electrical box and fitting and every 10 ft. thereafter.

Nail straps are driven into wooden framing members to anchor conduit.

IWC is rated for outdoor use but can also be used indoors. It is connected with watertight fittings. It is available in 10-ft. lengths and in 1/2" and 3/4" diameters.

LB conduit fittings is used in outdoor conduit installations. It has watertight threaded fittings and a removable cover.

Flexible metal conduit in 1/2" and 3/4" sizes is used where rigid conduit is difficult to install. It often is used to connect permanently wired appliances, such as a water heater.

NationalPALS

Electrical Division

Committed to bring National PALS your endeavors. we stand out in a world of copy-cats through our unique professional approach, Yet with a personal touch.

National PALS has been providing unique electrical hardware solutions addressing the varied needs of construction industry in the kingdom. National PALS got established as a effort of a young and energetic team whose motto is to bring customized electrical solutions to the construction industry in a era where only cash and carry shops exited around us. National PALS is here to stay, continuing to partner and power your dreams with a vast of world-class products and services.





شهادة اشتراك



رقم الاشتراك
٧٠١١٨٨٣٧٩٤
تاريخ الاصدار : ١٤٣٥/٧/٢٧ هـ
المسجلة الثانية
تاريخ الانتهاء : ١٤٤٤/٠٨/٠٣ هـ

تشهد غير قسمة جسد بيان شركة الاصغاء الوطنية للتجارة
ذات مسؤولية محدودة مسجلة

رقم الشهادة : ١٤٤٤ هـ

تاريخ التسجيل : ١٤٣٥/٧/٢٢ هـ

رقم التسجيل التجاري : ٤٠٣٠١٥١٣٣٩

مدير شؤون مركز الخدمة
محمد بن احمد المطاس
أي كسب أو تمثيل يهدف لشهادة لغرض لا فيه
(بمطابق الاشتراط في حافة لطلب التسجيل التجاري المذكور في هذه الشهادة)

بيت اصحاب الاعمال

شركة الإستثمار الوطنية للتجارة



السجل التجاري : 4030151339

رمزك التجاري QR Code

من خلاله يمكنك التحقق المباشر من معلومات:








- السجل التجاري
- رخصة البلدية
- شهادة السعودة
- برنامج نطاقات
- شهادة الزكاة
- الغرفة التجارية



السادة/ شركة الاصدقاء الوطنية للتجارة

نهنكم بدخول عالم الأعمال التجارية وإصدار سجلكم التجاري، ونتطلع أن يساهم هذا السجل في تحقيق تطلعاتكم، وأن يكتب الله لكم التوفيق والنجاح في عملكم التجاري وأن تكون شريكاً في تعزيز اقتصاد المملكة العربية السعودية.

يسرنا إبلاغكم بأن رقم منشآتكم الموحد هو ٧.١١٨٩٣٧٩٤ وقد تم ربطه بالخدمات الحكومية التي ستحتاجها مستقبلاً. وهي على النحو التالي:

الرقم:	رقم سجلكم التجاري للمنشأة	 <input checked="" type="checkbox"/>
٤.٣.١٥١٣٣٩		وزارة التجارة Ministry of Commerce
٧٨١٢.	رقم منشآتكم لدى وزارة الموارد البشرية والتنمية الاجتماعية	 <input checked="" type="checkbox"/>
٥٢٠.٧٤٢٢٦	تم تسجيل منشآتكم مجاناً لمدة سنة في خدمة واصل التجاري	 <input checked="" type="checkbox"/>
٣...٩٣٦٨٧٨	رقم منشآتكم لدى هيئة الزكاة والضريبة والجمارك	 <input checked="" type="checkbox"/>
٥.٦٢١.٦٥٨	رقم منشآتكم لدى المؤسسة العامة للتأمينات الاجتماعية	 <input checked="" type="checkbox"/>
١...٦٩٤	رقم منشآتكم لدى الغرفة التجارية.	 <input checked="" type="checkbox"/>
يوجد أكثر من رخصة	رقم رخصة "بلدية" فورية (في حال اختياركم)	 <input checked="" type="checkbox"/>



تتيح تطبيق "نوافذ منشآت" العديد من الخدمات الممكنة لك في عالم الأعمال و منها الحصول على الإرشاد و الاستشارات ، تطبيق "نوافذ منشآت" بوابة دخولك إلى عالم الأعمال
<https://www.monshaat.gov.sa/nawafth>

منشآت
monsha'at
Ministry of Economic Planning
Ministry of Commerce



ويمكنك فتح حساب بنكي دون الحاجة إلى أي أختام لمنشآتكم

كما جمعنا لك كافة الانظمة واللوائح بلغة بسيطة في دليل التاجر لتمارس عملك التجاري بسهولة

mci.gov.sa/trader/guide

٤٠٣٠١٥١٣٣٩
١٤٢٥/٠٧/٢١ هـ

الرقم
التاريخ



وزارة التجارة
Ministry of Commerce

شركة سجل الشركة

رؤية ٢٠٣٠
VISION 2030
الجمهورية العربية السعودية
KINGDOM OF SAUDI ARABIA

شركة الإصغاء الوطنية للتجارة

٧٠١١٨٩٣٧٩٤

الرقم المود المميز

ذات مسئولية محدودة مختلطة

سعودي
جنسيتها
١٥٤٥/٠٨/١٧ هـ
وتتوفي في

١٤٤٣/٠٨/٠٣ هـ

تاريخ

٢٢٢٣٥

الرمز البريدي

٢٢٢٣٥

مركزها الرئيسي

٧٤٧٨، الشعبية البغدادية، الشرقية، ٥٤٨٢

١٢٦٦١٠١٥٥

حاتف

٢٢٢٣٥

الرمز البريدي

٢٢٢٣٥

مركزها الرئيسي

للإطلاع على بيانات الأنشطة الرجاء مسح الرمز التجاري

١٠٠٠٠٠٠٠ ريال سعودي

رأس المال

جامشي فازنجوت

نجمه محي الدين عثمان الطومى

٢	٣
٤	٥
٦	٧
٨	٩
١٠	١١
١٢	١٣
١٤	١٥
١٦	١٧
١٨	

سجلات المبر للاندورس حسب ما نص عليه عقد الشركة

جدة

ألمود المبر المكونة المكونة للمود المبر

جدة

مركز مكتب المبر المبر المبر

١٤٤٣/٠٧/٠٨ هـ

تاريخ

٧٧٠٩٧٨٦

موجود المبر المبر

١٤٤٤/٠٨/٠٣ هـ

وتتوفي صاحبة الشهادة في

عبد المحسن ابراهيم الصمد

مركز المبر التجاري المبر

الوادي



يمكن التحقق من صحة هذه المساعدة بالدخول على <http://vnci.gov.sa> لتأكيد المعلومات من هذه المساعدة بالدخول على



تاريخ الإصدار: 2022/04/06
الرقم المميز: 3112474596



الهيئة العامة للزكاة والدخل
General Authority of Zakat & Tax



شهادة تسجيل في ضريبة القيمة المضافة VAT Registration Certificate

تشهد الهيئة العامة للزكاة والدخل بأن المكلف أدناه مسجل في ضريبة القيمة المضافة بتاريخ 2022/04/06

Hereby, The General Authority of Zakat & Tax (GAZT) certifies that the taxpayer below is VAT registered on 06/04/2022

اسم المكلف: شركة الاصدقاء الوطنية للتجارة
Taxpayer Name: شركة الاصدقاء الوطنية للتجارة

رقم التسجيل الضريبي: 311247459600003
VAT Registration Number: 311247459600003

تاريخ نفاذ التسجيل: 2022/05/01
Effective Registration Date: 2022/05/01

عنوان المكلف: Jeddah, GURABI MKT, BALADIYA STREET ,23334
Taxpayer Address: Jeddah, GURABI MKT, BALADIYA STREET ,23334



كمكلف مسجل في ضريبة القيمة المضافة، لا يجوز لك تحصيل ضريبة القيمة المضافة من عملائك قبل تاريخ نفاذ التسجيل بالضريبة. في حال تبين غير ذلك، ستقوم الهيئة العامة للزكاة والدخل بتنفيذ الغرامات المستحقة

هذه الوثيقة مرسلة من النظام الآلي ولا تحتاج إلى توقيع
- الهيئة العامة للزكاة والدخل -



تاريخ الإصدار: 2022/04/06
الرقم المميز: 3112474596



الهيئة العامة للزكاة والدخل
General Authority of Zakat & Tax



Taxpayer Name:	شركة الاصدقاء الوطنية للتجارة	اسم المكلف:
CR / License / Contract No.:	4030151339	رقم السجل/الرخصة/العقد:
Tax Period:	Quarterly-سنوي	الفترة الضريبية:
First Filing due date:	2022/07/31	تاريخ استحقاق أول إقرار ضريبي:



كمكلف مسجل في ضريبة القيمة المضافة، لا يجوز لك تحصيل ضريبة القيمة المضافة من عملائك قبل تاريخ نفاذ التسجيل بالضريبة. في حال تبين غير ذلك، ستقوم الهيئة العامة للزكاة والدخل بتنفيذ الغرامات المستحقة

هذه الوثيقة مرسلة من النظام الآلي ولا تحتاج إلى توقيع
- الهيئة العامة للزكاة والدخل -

EMT Conduit.

Can be used for both exposed and concealed work, use above ground for lighting circuits, and control lines and other low power applications.
Hot dip galvanized



Trade Size	Dimension
	O.D. x wall thickness x length
1/2"	17.93mm x 1.07mm x 3.05m
3/4"	23.42mm x 1.24mm x 3.05m
1"	29.54mm x 1.45mm x 3.05m
1-1/4"	38.40mm x 1.60mm x 3.05m
1-1/2"	44.20mm x 1.65mm x 3.05m
2"	55.80mm x 1.65mm x 3.05m

EMT Set Screw Connector

Used to join one length of Electrical Metallic Tubing to knock-out in concrete-tight box or dry location applications.



Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast
2-1/2"	Zinc die cast
3"	Zinc die cast
4"	Zinc die cast

EMT Set Screw Coupling

Used to join two length of Electrical Metallic Tubing.

Zinc die cast



Trade Size	
1/2"	Set Screw type
3/4"	Set Screw type
1"	Set Screw type
1-1/4"	Set Screw type
1-1/2"	Set Screw type
2"	Set Screw type
2-1/2"	Set Screw type
3"	Set Screw type
4"	Set Screw type

EMT 90° Elbow

Used to connect EMT Conduit together to allow for 90 degree bends



Trade Size	Galvanized steel
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel

EMT to Flex Combination Coupling

Used to provide a transition from Electrical Metallic Tubing to flexible metal conduit. Electrical Metallic Tubing side is set-screw and flex side is squeeze type. Electrical Metallic Tubing to Flex. Conduit



Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast

Pull Corner Elbow, EMT to Box

Use as a wire pulling elbow to facilitate wire pulling through a sharp bend in a run of Electrical Metallic Tubing

Removable cover gives ample access to wiring
Electrical Metallic Tubing to Box
Zinc die cast with gasket



Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast

EMT to EMT Capped Corner Coupling

Use to facilitate pulling conductors through a 90 degree bend in a run of steel Electrical Metallic Tubing where it is essential to make tight turns within limited available space

Removable cover gives ample access to wiring
Electrical Metallic Tubing to Electrical Metallic Tubing
set screw type



Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast

EMT Compression Connector

Used to join Electrical Metallic Tubing to knock-outs in concrete-tight box or damp location applications.

Zinc die cast



Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast

EMT Compression -Coupling

Used to join Electrical Metallic Tubing to knock-outs in concrete-tight box or damp location applications.

Zinc die cast



Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast

EMT Insulated Bushing

Used with locknut to terminate EMT to box. Plastic metaliner prevents damage to wire insulation. PVC Insulated



Trade Size	
1/2"	Galvanized
3/4"	Galvanized
1"	Galvanized
1-1/4"	Galvanized
1-1/2"	Galvanized
2"	Galvanized
2-1/2"	Galvanized
3"	Galvanized
4"	Galvanized
6"	Galvanized

Conduit Standard, HDG

Rigid Conduit is precision manufactured for dependable, long-lasting value and protection, also provides radiation protection, magnetic shielding and resists impact.

Hot dip galvanized



Trade Size	Dimension
	O.D. wall thickness length
1/2"	21.3mm x 2.6mm x 3.0m
3/4"	26.7m x 2.7mm x 3.0m
1"	33.4mm x 3.2mm x 3.0m
1-1/4"	42.2mm x 3.4mm x 3.0m
1-1/2"	48.3mm x 3.5mm x 3.0m
2"	60.3mm x 3.7mm x 3.0m
2-1/2"	73.0mm x 4.9mm x 3.0m
3"	88.9mm x 5.2mm x 3.0m

Rigid, Conduit Connector

Rigid Conduit Connector Hexagonal cap
Thread type : Metric, PG, Inch Type.



Trade Size	
1/2"	Galvanized
3/4"	Galvanized
1"	Galvanized
1-1/4"	Galvanized
1-1/2"	Galvanized
2"	Galvanized

Rigid/IMC Coupling

Used to join two lengths of threaded Rigid or IMC conduit

Dry locations only , NPT thread



Trade Size	
1/2"	Galvanized galvanized
3/4"	Galvanized galvanized
1"	Galvanized galvanized
1-1/4"	Galvanized galvanized
1-1/2"	Galvanized galvanized
2"	Galvanized galvanized
2-1/2"	Galvanized galvanized
3"	Galvanized galvanized
4"	Galvanized galvanized

Rigid 90° Elbow

Used to connect Rigid Conduit together to allow for 90 degree bends



Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel

Rigid Watertight Hub

Connect rigid or IMC conduit to a load center or other metal enclosure where a weather-tight joint is required. used in wet or dry locations, indoors or outdoors. Insulated



Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast
2-1/2"	Zinc die cast
3"	Zinc die cast
4"	Zinc die cast

Rigid, Conduit Connector Malleable

Rigid Conduit Malleable Connector Hexagonal cap
Thread type : Metric, PG, Inch Type.



Trade Size	
1/2"	Galvanized
3/4"	Galvanized
1"	Galvanized
1-1/4"	Galvanized
1-1/2"	Galvanized
2"	Galvanized

Rigid Pull Corner Elbow



Use to facilitate pulling wires through a 90 degree bend in a run of Electrical Metallic Tubing
 Removable cover gives ample access to wiring
 Dry locations only
 Electrical Metallic Tubing to Electrical Metallic Tubing
 Zinc die cast with neoprene gasket

Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast

Rigid Grounding Bushing / Malleable Iron



Used with locknut to terminate EMT to box. Plastic metaliner prevents damage to wire insulation.
 Malleable Iron, PVC Insulated with aluminum lug

Trade Size	
1/2"	Galvanized
3/4"	Galvanized
1"	Galvanized
1-1/4"	Galvanized
1-1/2"	Galvanized
2"	Galvanized
2-1/2"	Galvanized
3"	Galvanized
4"	Galvanized
6"	Galvanized

Rigid Male Enlarger Malleable Iron



To use with Rigid / IMC Conduit

Trade Size	
1/2" M x 3/4" F	Galvanized
1/2" M x 1" F	Galvanized
3/4" M x 1" F	Galvanized

Rigid Male Enlarger



To use with Rigid / IMC Conduit

Trade Size	
1/2" M x 3/4" F	Galvanized
1/2" M x 1" F	Galvanized
3/4" M x 1" F	Galvanized

One Hole Rigid Strap, Malleable Iron



One hole conduit straps are used in both wet and dry locations.
Rigid / IMC Conduits.

Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel

Reducing Bushing



Use to reduce the entry size of a run of threaded IMC / Rigid conduit.
NPT thread , Electro-galvanized

Trade Size	
1/2"x3/4"	1-1/2"x3/4"
1"x1/2"	1-1/2"x1"
1"x3/4"	1-1/2"x1-1/4"
1-1/4"x1/2"	2"x1/2"
1-1/4"x3/4"	2"x3/4"
1-1/4"x1"	2"x1/4"
1-1/2"x1/2"	2"x1-1/2"

Chase Nipple



Thread, Die Cast Zinc Used w/Threaded, Female Conduit Couplings to Connect Conduits to Electrical Boxes & Enclosures

Trade Sizes: 1/2" , 3/4" , 1"

EMT Conduit Bender with Handle



Material: Aluminum
Size: 1/2", 3/4", 1"

EMT Pipe

1/2", 3/4" Rigid/IMC Conduit
Electrical Conduit Bender
Material: Aluminum
Size available as below :

EMT	Rigid
1/2"	1/2"
3/4"	3/4"
1"	-

LIQUID TIGHT FLEXIBLE CONDUIT & FITTINGS

Liquid-tight conduit fittings seal conduits, preventing water and moisture from affecting your wiring. They're designed for use with plastic PVC, metal and metal flexible conduit installations. You'll find the exact non-metal conduit connector to provide strain relief and a watertight seal for your PVC conduit pipes.



Liquid tight Flexible conduit & Fittings

Liquid Tight Flexible Conduit, Grey



For use in outdoor locations
Sunlight resistant PVC jacket
Approved for use in temperatures from -10 to +60 C
Steel zinc plated

Trade Size	
1/2"	Heavy PVC coated
3/4"	Heavy PVC coated
1"	Heavy PVC coated
1-1/4"	Heavy PVC coated
1-1/2"	Heavy PVC coated
2"	Heavy PVC coated
2-1/2"	Heavy PVC coated
3"	Heavy PVC coated
4"	Heavy PVC coated

Liquid Tight Connector



Use to terminate regular wall steel flexible metal conduit to a knock-out in a dry location box or enclosure
Dry locations only
Straight type

Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast
2-1/2"	Zinc die cast
3"	Zinc die cast
4"	Zinc die cast

90° Liquid Tight Connector



Use to connect liquid-tight conduit to a steel outlet box or other metal enclosure or hub
Liquid, oil and rain tight

Trade Size	
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast
2-1/2"	Zinc die cast
3"	Zinc die cast
4"	Zinc die cast

Galvanized Steel Flexible Conduit



Application: Widely used for general electrical wiring where flexibility and mechanical protection are required.
Construction: This standard duty flexible conduit is square locked type and helically wound from electro-galvanized steel strip.

Trade Size	
3/8"	Galvanized
1/2"	Galvanized
3/4"	Galvanized
1"	Galvanized
1-1/4"	Galvanized
1-1/2"	Galvanized
2"	Galvanized

Straight Squeeze Connector



Use to terminate regular wall steel flexible metal conduit to a knock-out in a dry location box or enclosure
Dry locations only
Straight type

Trade Size	
3/8"	Zinc die cast
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast
2-1/2"	Zinc die cast
3"	Zinc die cast
4"	Zinc die cast

90° Angle Squeeze Connector



Use to terminate regular wall steel flexible metal conduit to a knock-out in a dry location box or enclosure
Dry locations only
90 Degree Angle type

Trade Size	
3/8"	Zinc die cast
1/2"	Zinc die cast
3/4"	Zinc die cast
1"	Zinc die cast
1-1/4"	Zinc die cast
1-1/2"	Zinc die cast
2"	Zinc die cast

Steel Locknut

Use on end of threaded connectors to a steel outlet box or metal enclosure
NPT Thread



Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel

EMT One Hole Strap

Use to support Electrical Metallic Tubing Conduit to a mounting surface.

IMC/Rigid One Hole Strap

Use to secure Rigid or I.M.C. conduit to wood, masonry or similar surfaces.

EMT Two Hole Strap

Use to support Electrical Metallic Tubing to a mounting surface.

IMC/Rigid Two Hole Strap

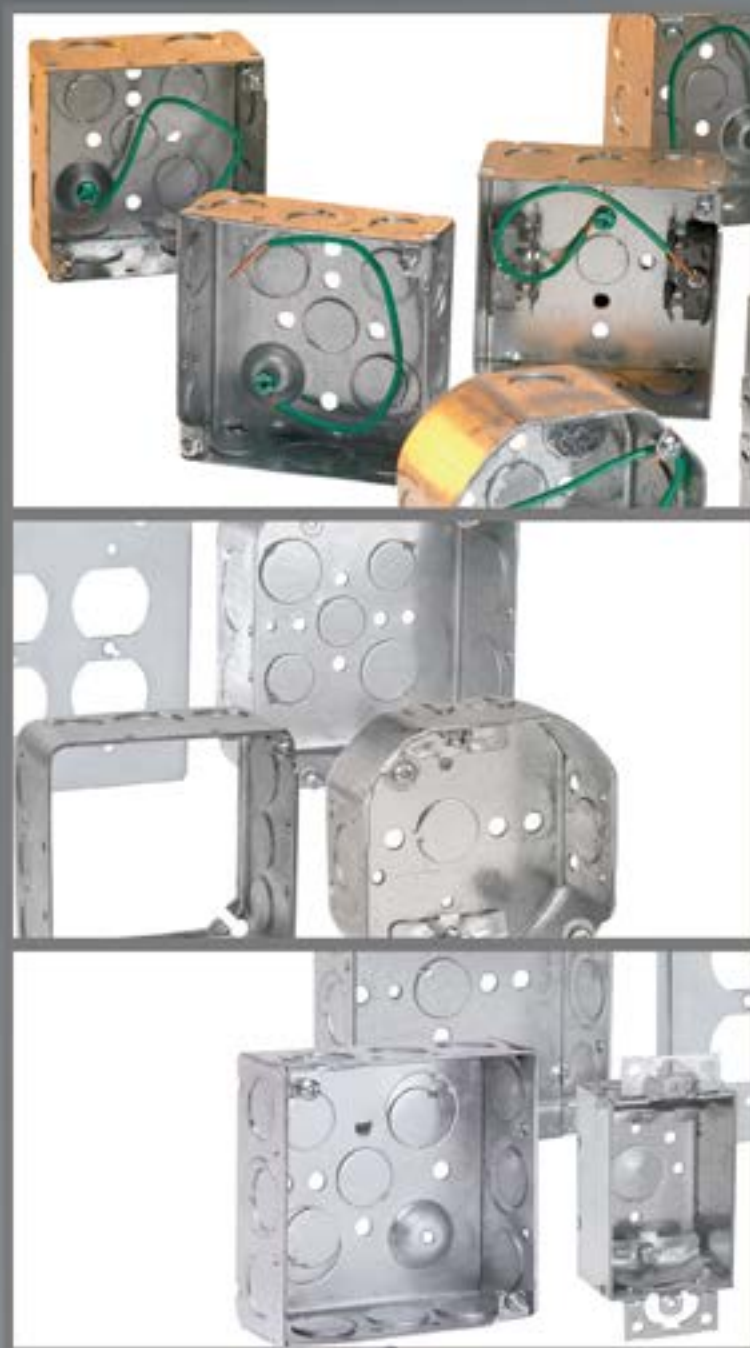
Use to secure Rigid or I.M.C. conduit to wood, masonry or similar surfaces.



Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel

STEEL METALLIC ELECTRICAL JUNCTION BOX OUTLET BOXES GALVANIZED

Electrical Boxes And Covers / Galvanized Steel Conduit Junction Box / Electrical Switch
Boxes



Steel Boxes

4"x4"x1-1/2" Square Drawn Box



Installed in ceilings or walls for lighting fixtures or receptacles

Drawn type

Pre-galvanized steel

Size: 4x4", 1-1/2" deep

knockouts: 1/2", 3/4", 1/2" & 3/4", 1"

4"x4"x1-1/2" Steel Box Extensions Deep



Installed in ceilings or walls for lighting fixtures or receptacles

Drawn type

Pre-galvanized steel

Size: 4x4", 1-1/2" deep

knockouts: 1/2", 3/4", 1/2" & 3/4", 1"

4"x1-1/2" Octagon Box



Used in the installation of ceiling or wall light fixtures

Drawn type

Pre-galvanized steel

Size: 4" Oct., 1-1/2" deep

knockouts: 1/2", 3/4", 1/2" & 3/4", 1"

4"x1-1/2" Octagon Extensions Deep Box



Used in the installation of ceiling or wall light fixtures

Drawn type

Pre-galvanized steel

Size: 4" Oct., 1-1/2" deep

knockouts: 1/2", 3/4", 1/2" & 3/4", 1"

Steel Boxes

7"x 7" Steel Box



Used in the installation of ceiling or wall light fixtures

Drawn type

Pre-galvanized steel

Knockouts: 1/2" , 3/4" , 1/2" & 3/4"

7"x14" Steel Box



Used in the installation of ceiling or wall light fixtures

Drawn type

Pre-galvanized steel

Knockouts: 1/2" , 3/4" , 1/2" & 3/4"

4"x2"x2-1/8 Handy Box



Single receptacle Utility Box

Drawn type

Size: 4x2" , 2-1/8" deep

Knockouts: 1/2" , 3/4" , 1/2" & 3/4" , 1"

Extension Ring



Drawn type

Size: 4x2"

Knockouts: 1/2" , 3/4" , 1/2" & 3/4"

4" x 4" Square Blank Cover



Cover for 4x4" Square Box

Pre-galvanized steel

4"x4" Square Cover



Cover for 4x4" Square Box

with 1/2" K.O. or 3/4" K.O.

Pre-galvanized steel

8"x8" Octagon Box Cover



Cover for 4" Octagonal Box

with 1/2" K.O. or 3/4" K.O.

Pre-galvanized steel

Round Box Cover



Cover for Round Box

with 1/2" K.O. or 3/4" K.O.

Pre-galvanized steel

Single Deep Weatherproof Box, 3 Outlets



Use as an outlet box for a wiring device or as a junction box for wire splicing.

Die-cast aluminum

Deep: 2-5/8"

Hole Size: 1/2" 3/4" 1"

Outlet Size: 3/4", 3, 4, 5
1", 3, 5

Two Gang Weatherproof Box



Use as an outlet box for a wiring device or as a junction box for wire splicing

Die-cast aluminum

Deep: 2-3/16"

Outlets Hole: 1/2", 3/4", 1"

Outlets Holes : 3, 4, 5, 7, 9

4 Round Box,5 Outlets



Use as an outlet box for a wiring device or as a junction box for wire splicing

Die-cast aluminum

Deep: 1-9/16"

Outlets Size: 1/2", 3/4"

Closure Plug



Die-cast aluminum

For Weatherproof Box

Size: 1/2" 3/4" 1"

2x4 Single Gang Cover



For Aluminum Single Gang Box

Aluminum

Grey & Steel

4x4 Two Gang Cover



For Aluminum 2 Gang Box

Aluminum

Grey & Steel

Round Cover



For Aluminum Round Box

Aluminum

Grey & Steel

7x7 Steel Cover



Cover for Square Box

with 1/2" K.O. or 3/4" K.O.

Pre-galvanized steel.

Conduit body Emt & Rgid

LB, LL, LR, C, T Products types of Threaded- Conduit Body

To provide access to conductors for pulling, splicing, and maintenance

Type: Threaded

Material: Aluminum & Steel malleable Type

LB, LL, LR, C, T types



Trade Size	
050	1/2"
075	3/4"
100	1"
125	1-1/4"
150	1-1/2"
200	2"
250	2-1/2"
300	3"
400	4"



Fish Wire Tape

Electrical fish tape reel is made of high-quality, heavy-duty plastic and contains a durable handle and a built in thumb-lock to hold wires in place wherever you nt. The steel cable wire is made for a lifetime of use.



Trade Size
15mtr
30mtr
45mtr
60mtr
75mtr

Hanging Clamps

Heavy Duty Clevis Hanger

Material: electro-galvanized



Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel
5"	Galvanized steel
6"	Galvanized steel
8"	Galvanized steel

EMT Conduit Hanger

Use to secure and suspend Electrical Metallic Tubing from overhead supports

Assembled with nut and bolt



Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel

EMT Strut Clamp / Rigid Clamp

Use to support IMC or Rigid Conduit to Steel Channel



Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel
5"	Galvanized steel
6"	Galvanized steel
8"	Galvanized steel

Channels & Fittings.

Plain Channel,1-5/8X1-5/8



Finishes: Pre-galvanized,electro-galvanized or hot dip galvanized
Size: 1-5/8"X1-5/8" 41x41mm
3mtr length

Plain Channel,1-5/8x13-16



Finishes: Pre-galvanized,electro-galvanized or hot dip galvanized

Size: 1-5/8"X13/16" , 41x21mm

3mtr length

Slotted Channel,1-5/8X1-5/8



Finishes: Pre-galvanized,electro-galvanized or hot dip galvanized

Size: 1-5/8"X1-5/8" 41x41mm

3mtr length

Slotted Channel,1-5/8x13-16



Finishes: Pre-galvanized,electro-galvanized or hot dip galvanized

Size: 1-5/8"X13/16" , 41x21mm

3mtr length

End Cap



Plastic End Insert Cap

Color: black

Size: 41x41 , 41x21

Top Beam Clamp

Material: Malleable iron, hot dip galvanized.



Trade Size	
M8	Galvanized
M10	Galvanized
M12	Galvanized

Insulator Beam Clamp

Use on beam, girder or other similar structure to provide a mounting base for conduit hangers

Material: Malleable iron, hot dip galvanized.



Trade Size	
1/4"x1"	Galvanized
3/4"x2"	Galvanized
1/2"x2"-1/2"	Galvanized

Spring Nut

Channel Nuts allow contractors to securely place a fitting, junction box, electrical panel, or pipe clamp.

Trade Size : 1/4" to 1", M6 to M18



Threaded Rods

Threaded Rod is used in conjunction with the strut channel and other miscellaneous hardware to hang duct work where it requires a heavy application.

Size: 6mm, 8mm, 10mm, 12mm, 14mm



G Clamp



Finishes: Hot dip galvanised

Duct-corner



Ductware Ductermatic Corners are available for both TDF or TDC roll-formed flange systems.

Manufactured as standard from 1.6mm (16GA) galvanised steel they are also available in speciality metals (304 & 316 stainless steel and aluminium).

Pipe Clamp without Rubber



Material: Zinc plated steel

Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel

Pipe Clamp with EPDM Rubber



Material: Zinc plated steel

Trade Size	
1/2"	Galvanized steel
3/4"	Galvanized steel
1"	Galvanized steel
1-1/4"	Galvanized steel
1-1/2"	Galvanized steel
2"	Galvanized steel
2-1/2"	Galvanized steel
3"	Galvanized steel
4"	Galvanized steel

PVC COATED CONDUIT

National Pals offers a complete line of PVC coated conduit, fittings and conduit accessories for the protection of electrical conduit systems in highly corrosive environments.



PVC Coated Conduit



PVC coated rigid steel conduit is used for highly corrosive environments. The coating will provide corrosion protection and mechanical protection. Ground continuity is maintained throughout the installation.

Trade Size	
1/2"	050
3/4"	075
1"	100
1-1/4"	125
1-1/2"	150
2"	200
2-1/2"	250
3"	300
4"	400
6"	600

Standard 90° Radius RGS Elbows



Standard radius 90-Degree elbow with 3-Inch trade size, features threaded connection. The coupling in gray PVC coated finish, has rigid aluminum construction for added strength and corrosion resistance.

Trade Size	
1/2"	050
3/4"	075
1"	100
1-1/4"	125
1-1/2"	150
2"	200
2-1/2"	250
3"	300
4"	400
6"	600

PVC Coated Bushing



Calbond PVC coated grounding bushings feature 20 mil PVC coating provides corrosion protection from harsh environments.

Trade Size	
1/2"	050
3/4"	075
1"	100
1-1/4"	125
1-1/2"	150
2"	200
2-1/2"	250
3"	300
4"	400
6"	600

PVC Coated Conduit Outlet Boxes- with Covers.



PVC Coated Conduit Outlet Box, Type: GUAX, Explosionproof, Dust-ignitionproof, Raintight, Hub: (4) 3/4 in , Opening: 3 in, Body: Ferrous Metal, Cover: Copper-free Aluminum, O-Ring gasket, Furnished with Internal Grounding Screw, Color Dark Grey.

Trade Size	
1/2"	050
3/4"	075
1"	100

PVC Coated Conduit Outlet Boxes- with Covers.



With outstanding performance in corrosive environments, Ocal PVC coated conduit and fittings extend the life of your electrical system for many years beyond the lifespan of standard rigid conduit systems.

Trade Size	
1/2"	050
3/4"	075
1"	100

PVC Coated Conduit Outlet Boxes- with Covers.



With outstanding performance in corrosive environments, Ocal PVC coated conduit and fittings extend the life of your electrical system for many years beyond the lifespan of standard rigid conduit systems.

Trade Size	
1/2"	050
3/4"	075
1"	100

PVC Coated Conduit Outlet Boxes- with Covers.



With outstanding performance in corrosive environments, Ocal PVC coated conduit and fittings extend the life of your electrical system for many years beyond the lifespan of standard rigid conduit systems.

Trade Size	
1/2"	050
3/4"	075
1"	100

PVC Coated Conduit Outlet Boxes- with Covers.



With outstanding performance in corrosive environments, Ocal PVC coated conduit and fittings extend the life of your electrical system for many years beyond the lifespan of standard rigid conduit systems.

Trade Size	
1/2"	050
3/4"	075
1"	100

PVC Coated Conduit Outlet Boxes- with Covers.



With outstanding performance in corrosive environments, Ocal PVC coated conduit and fittings extend the life of your electrical system for many years beyond the lifespan of standard rigid conduit systems.

Trade Size	
1/2"	050
3/4"	075

PVC Coated Conduit Outlet Boxes- with Covers.



With outstanding performance in corrosive environments, Ocal PVC coated conduit and fittings extend the life of your electrical system for many years beyond the lifespan of standard rigid conduit systems.

Trade Size	
3/4"	075
1"	100

PVC Coated Conduit Outlet Bodies with Covers.



full line of Form 7 PVC coated conduit bodies. All fittings are supplied with PVC coated cast iron covers. The sleeved threaded ends offer complete protection against corrosion while maintaining full ground continuity throughout the installed system.

Trade Size	
3/4"	075
1"	100
1 1/4"	125
1 1/2"	150
2"	200

PVC Coated Sealing Fittings



PVC Coated Sealing Fittings are used in hazardous locations to prevent flame and gas from continuing to travel through the conduit system. PVC coating provides corrosion protection.

Trade Size	
3/4"	075
1"	100
1 1/4"	125
1 1/2"	150
2"	200

PVC Coated channel to conduit-clamps.



Pipe strap of trade size 2-inches, is perfect for either 1-5/8-Inch or 1-1/2-Inch strut. This strap features steel construction and PVC coated finish.

Trade Size	
1/2"	050
3/4"	075
1"	100
1-1/4"	125
1-1/2"	150
2"	200
2-1/2"	250
3"	300
4"	400
6"	600

PVC Coated Liquid Tight Connectors



PVC coated liquidtight connectors are used with Liquid-tight Conduit. The sleeve on the liquidtight connector is sized specifically to tighten around PVC conduit.

Trade Size	
1/2"	050
3/4"	075
1"	100
1 1/4"	125
1 1/2"	150
2"	200

PVC Coated Conduit couplings



PVC Coated Couplings are supplied with PVC sleeves on both ends to ensure corrosion protection for the entire system.

Trade Size	
1/2"	050
3/4"	075
1"	100
1 1/4"	125
1 1/2"	150
2"	200
2 1/2"	250
3"	300

PVC Coated Malleable Clamps



PVC coated 1-hole pipe straps are used to securely mount conduit to a wall or other structure for support. They are available in two styles: 1-hole malleable iron strap or 2-hole stamped steel strap. Clamp backs are used to space the conduit from a wall or structure.

Trade Size	
3/4"	075
1"	100
1 1/4"	125
1 1/2"	150
2"	200
2 1/2"	250
3"	300
4"	400
6"	600

PVC Coated Nipples



PVC coated nipples are available in all lengths and diameters.

Trade Size	
1/2"	050
3/4"	075
1"	100
1 1/4"	125
1 1/2"	150
2"	200

Cable Ties



Cable Tie You can link and install Gadgets with ease It is made from high quality materials It can be installed with ease & Self-locking.

Trade Size	
2.5 x 100mm	White & Black
2.5 x 150mm	White & Black
2.5 x 200mm	White & Black
3.6 x 150mm	White & Black
3.6 x 200mm	White & Black
3.6 x 300mm	White & Black
3.6 x 370mm	White & Black
4.8 x 250mm	White & Black
4.8 x 300mm	White & Black
4.8 x 370mm	White & Black
4.8 x 450mm	White & Black
7.2 x 300mm	White & Black
7.2 x 450mm	White & Black

Cable Lugs

Copper tube cable lugs with bell entry for good transition from lug to cable. Available in a large selection of cable sizes from 10mm² to 630mm² and in a wide variety of stud hole sizes.



Trade Sizes: Single Hole, 2hole & 4 Hole	
6 mm	120mm
10mm	150mm
16mm	185mm
25mm	240mm
35mm	300mm
50mm	400mm
70mm	500mm
95mm	630mm

Copper Sleeves

Copper sleeve cable joint with bell entry for good transition from lug to cable. Available in a large selection of cable sizes from 10mm² to 300mm².



Trade Sizes	
6 mm	120mm
10mm	150mm
16mm	185mm
25mm	240mm
35mm	300mm
50mm	400mm
70mm	500mm
95mm	630mm

Brass Cable Glands A1/A2

CX brass cable glands are suitable for use with braided cables, as they provide electrical continuity of wire braid.



Trade Sizes
20 S , L
25 S , L
32 S , L
40 S , L
50 S , L
63 S , L
75 S , L
90 S , L



RIDGE SADDLE



TAPE CLIP



ARI TERMINAL RODS



CABLE TO TAPE
JUNCTION CLAMP



CONDUCTOR
SADDLE



OBLONG TEST
CLAMP



SQUARE & STAR CLAMP



AIR TERMINAL BASE



JOINTING CLAMP



WATERMAN PIPE
BOND



SPLIT BOLT
CONNECTOR



SQUARE CONDUCTOR
CLAMP



C-CRIMP CONNECTOR



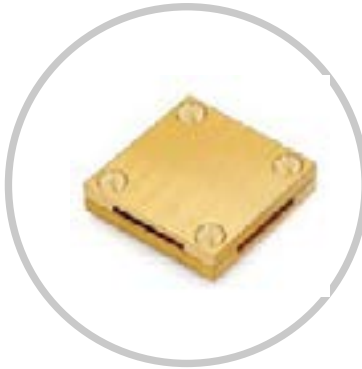
U BOLT



ROD TO TAPE CLAMP



DC TAPE CLIP



SQUARE TAPE CLAMP



ROD TO CABLE CLAMP

COPPER BONDED EARTHING ROD



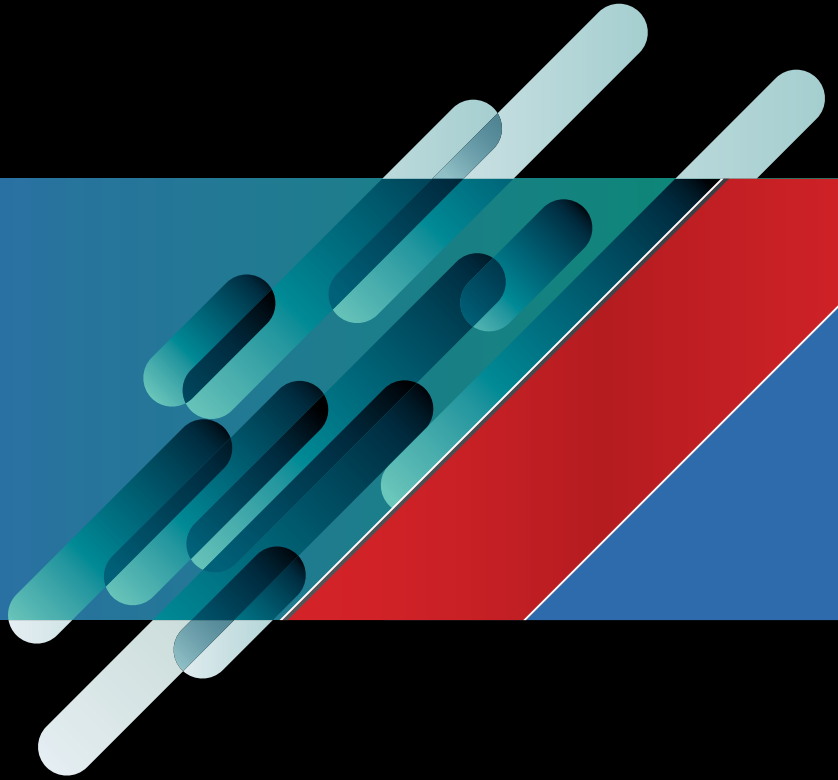
Copper bonded earth rods are made from low Carbon Steel as per IS 2062 standard with high tensile strength material. Low carbon steel rods are molecularly bonded with 99.9% pure electrolytic copper.

Trade Size	
5/8	1.5 m
5/8	2.8 m
5/8	3.0 m
3/4	1.5 m
3/4	2.8 m
3/4	3.0 m

NationalPALS

Partners & Suppliers





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