

شركة الأصدقاء الوطنية للتجارة
National PALS Trading Co.

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 downTake 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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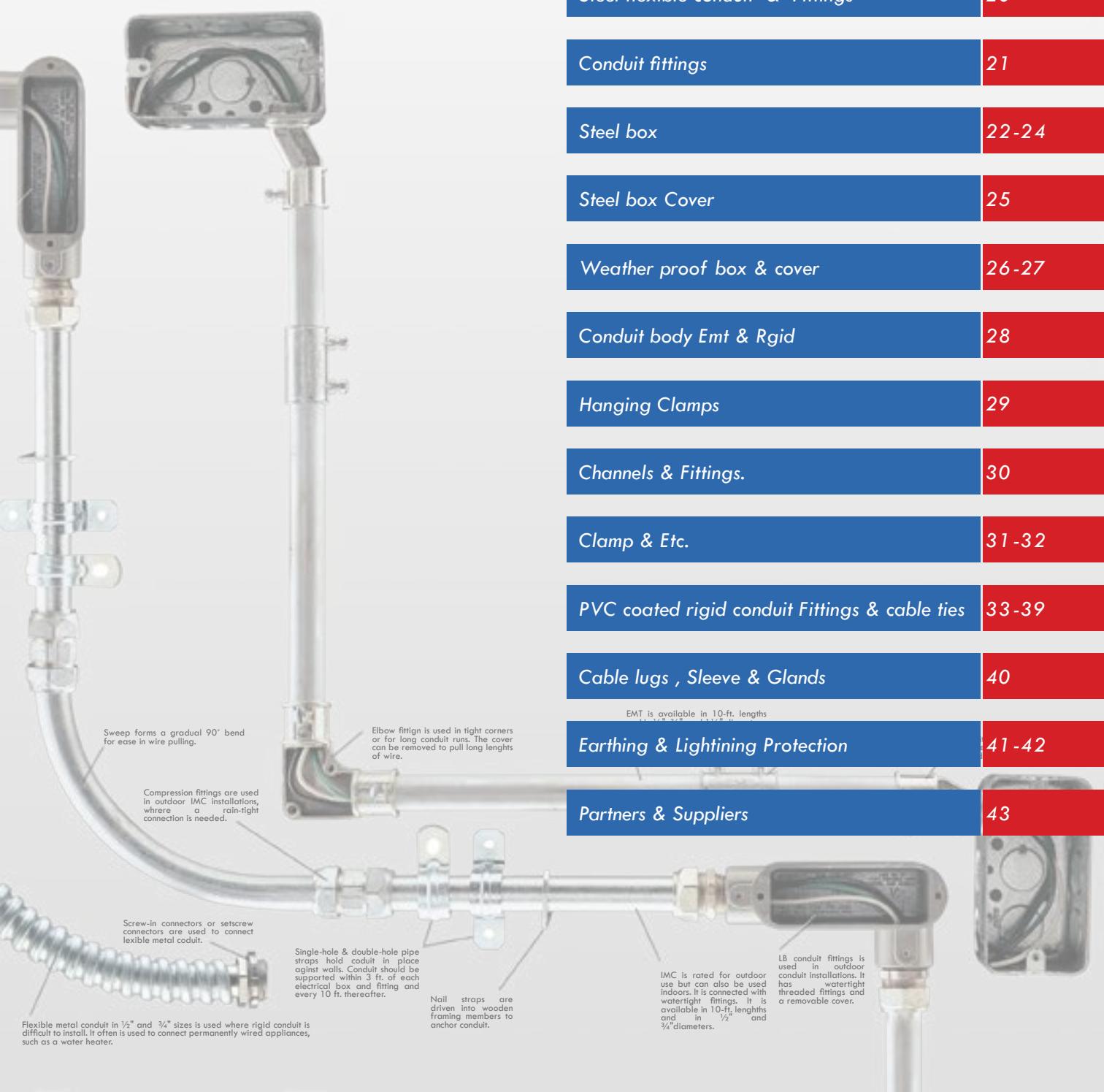
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NationalPALS

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 existed around us. National PALS is here to stay, continuing to partner and power your dreams with a vast of world-class products and services.





شہادۃِ اشتراک



رقم الاشتراك: ٢٠١٩٦٤٣٧٤٤
تاريخ الاشتراك: ٢٠١٩٦٤٣٧٤٤
المنسق _____
المطبعة: _____

جامعة الملك عبد الله

محمد بن محمد العطاس
مدير شرکة مركز البذاء

(يُنطَلِّقُ إِذَا مُتَكَبِّرٌ بِعَوْنَىٰ فَلَمَّا تَلَقَاهُ أَنْذَرَهُ إِلَيْهِ الْمَكْرَرَةَ فَهُدِيَ إِلَيْهِ)

بیت اصطلاح اعمال



شركة الأصدقاء الوطنية للتجارة



رمز التجاري QR Code

من خالله يمكنك التتحقق المباشر من معلومات

- السجل التجاري
- رخصة البلدية
- شهادة السعودية
- برنامج نطاقات
- شهادة الزكاة
- الفرفة التجارية



السجل التجاري: 4030151339



السادة / شركة الصدقة الوطنية للتجارة

نهنئكم بدخول عالم الاعمال 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 إيلاغكم بأن رقم منشأتكم المودع هو ٧.١١٨٩٣٧٩٤ وقد تم ربطه بالخدمات الحكومية التي ستحتاجها مستقبلاً، وهي على النحو التالي:

الرقم:	رقم سجلكم التجاري للمنشأة	
٤.٣.٥١٣٣٩		<input checked="" type="checkbox"/>
٧٨١٢.	رقم منشأتكم لدى وزارة الموارد البشرية والتنمية الاجتماعية	<input checked="" type="checkbox"/>
٥٢..٧٤٢٢٦	تم تسجيل منشأتكم مجاناً لمدة سنة في خدمة وافق التجاري	<input checked="" type="checkbox"/>
٣...٩٣٦٨٧٨	رقم منشأتكم لدى هيئة الزكاة والضريبة والجمارك	<input checked="" type="checkbox"/>
٥٦٢١.٦٥٨	رقم منشأتكم لدى المؤسسة العامة للتأمينات الاجتماعية	<input checked="" type="checkbox"/>
١..٦٩٤	رقم منشأتكم لدى الغرفة التجارية.	<input checked="" type="checkbox"/>
يوجد أكثر من رخصة	رقم رخصة "بلدية" فورية (في حال اختياركم)	<input checked="" type="checkbox"/>



يتبع تطبيق "نواخذ منشآت" العديد من الخدمات الممكنة لك في عالم الاعمال و منها الحصول على الريشاد والمستشارات . تطبيق "نواخذ منشآت" بوابة دخولك إلى عالم الاعمال
<https://www.monshaat.gov.sa/nawafth>

منشآت
monsha'at
المنصة الوطنية لخدمات المنشآت



ويمكنك فتح حساب بنكي دون الحاجة إلى أي اختام لمنشأتك

لما جمعنا لك كافة المنظمة واللوائح بلغة بسيطة في دليل القاجر لتمارين عملك التجاري بسهولة
mci.gov.sa/trader/guide



2022/04/06
الرقم الممميز: 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

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

VAT Registration Number: 311247459600003 **رقم التسجيل الضريبي:**

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

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



كم 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 الذي ولا تحتاج إلى توقيع

- الهيئة العامة للزكاة والدخل -



2022/04/06
الرقم الممميز: 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: ربع سنوي-Quarterly **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 الذي ولا تحتاج إلى توقيع

- الهيئة العامة للزكاة والدخل -

EMT Conduit & Fittings

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"
3/4"
1"
1-1/4"
1-1/2"
2"
2-1/2"
3"
4"

EMT Set Screw Coupling

Used to join two length of Electrical Metallic Tubing.

Zinc die cast



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

EMT Conduit & Fittings

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

EMT Conduit & Fittings

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

Rigid Conduit & Fittings

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 thicknesslength
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 Conduit & Fittings

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 Conduit & Fittings

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

Rigid Conduit & Fittings

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" x 3/4"	1-1/2" x 3/4"
1" x 1/2"	1-1/2" x 1"
1" x 3/4"	1-1/2" x 1-1/4"
1-1/4" x 1/2"	2" x 1/2"
1-1/4" x 3/4"	2" x 3/4"
1-1/4" x 1"	2" x 1/4"
1-1/2" x 1/2"	2" x 1-1/2"

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

Steel flexible conduit & Fittings

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

Conduits Fittings

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

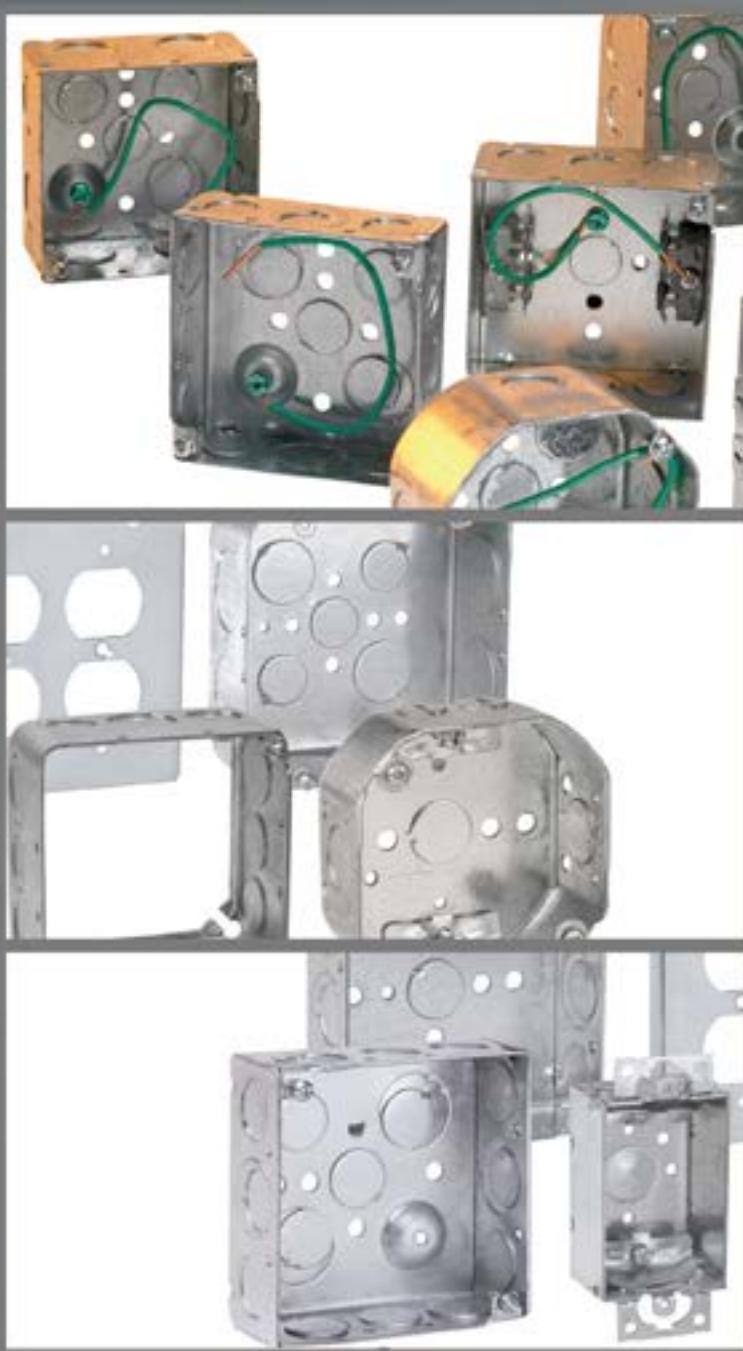
Use to secure Rigid or I.M.C. conduit to wood, masonry or similar surfaces.



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"

Steel box Cover

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



Weather Proof box

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"

Weather Proof box Cover

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 need. 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

Clamp & Etc.

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" x 1"	Galvanized
3/4" x 2"	Galvanized
1/2" x 2" - 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 rigid conduit & Fittings

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 rigid conduit & Fittings

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 rigid conduit & Fittings

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 rigid conduit & Fittings

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 rigid conduit & Fittings

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 rigid conduit Fittings & cable ties

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 , Sleeve & Glands

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

Earthing & Lightning Protection



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



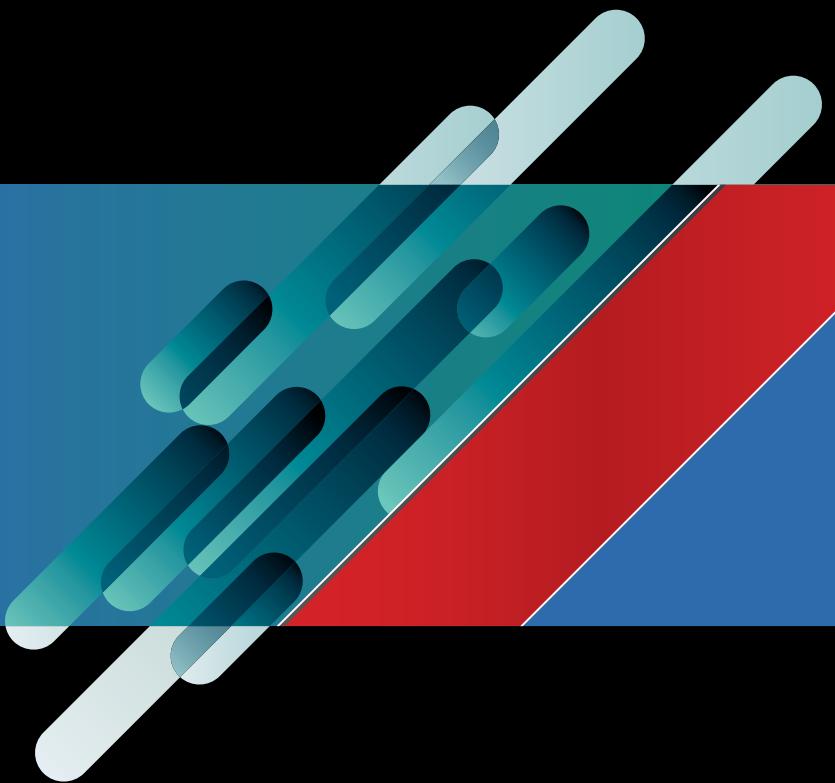
Copper bonded earth rods are made from low Carbon Steel as per IS 2062 standard with high tensile strength material. Low carbon steel rods are molecularly bonded with 99.9% pure electrolytic copper.

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

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