



EMTECH® RANGE

Earthing & Lightning Protection

Electrical earthing and lightning protection products: tapes, clamps, connectors, earth pits, rods, air terminals and bonding accessories.



EMTECH® EARTHING & LIGHTNING PROTECTION

Tapes & Clamps

Earth Pits & Test Boxes

Rods & Air Terminals

Sealing Systems

COPPER • BRASS • ALUMINIUM

Batam, Indonesia

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01 Tape & Tape Clamps

Bare tape · tape-clips · square tape clamps

Bare Aluminium Tape

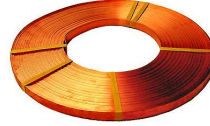
AT-I-C



MATERIAL	Aluminium
SIZE	25 x 3 mm

Bare Copper Tape

CT-I-50



MATERIAL	Copper
SIZE	25 x 3 mm

Aluminium Tape-Clip

SB-I-A



MATERIAL	Aluminium
SIZE	1" x 1/8"

Brass Tape-Clip

SB-I-B



MATERIAL	Brass
SIZE	1" x 1/8"

Heavy Duty Metallic DC Tape-Clip

SB-I-BH



MATERIAL	Brass
SIZE	1" x 1/8"

Aluminium Square Tape Clamp

TC-S-A



MATERIAL	Aluminium
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Brass Square Tape Clamp

TC-S-B



MATERIAL	Brass
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NEED SOMETHING ELSE?

Talk to us about your earthing and lightning protection requirements.

Contact us and we will help you find the right products for your project.

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02

Clamps & Connectors

U and H clamps · rod clamps · B bond clamps · connectors



U Clamp

EL-UCT-801

MATERIAL	Copper Alloy
TAPE	25 x 3 mm, 25 x 6 mm
ROD DIA.	5/8", 3/4"
CABLE DIA.	50 – 95 mm ²

Custom sizes available



H Clamp



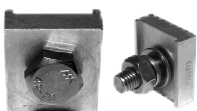
Rod to Tape Clamp

AC-E



Rod to Cable Clamp

BC-E



Aluminium B Bond Clamp

EL-BB-A-E

MATERIAL	Aluminium
TAPE SIZE	25 x 3 mm



Copper B Bond Clamp

EL-BB-B-E

MATERIAL	Brass
TAPE SIZE	25 x 3 mm



C Type Connector

SIZE	16, 25, 35, 50, 70, 95, 120, 150 mm
MATERIAL	Copper Tinned



Bi-Metallic Connector

BMI

MATERIAL	Copper / Aluminium
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03 Test Equipment & Earth Pits

Test clamps · lightning test link box · inspection pits · concrete earth pits



Brass Round Test Clamp

EL-TC-R-E

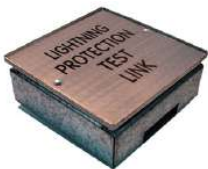
MATERIAL	Copper Alloy
TAPE SIZE	25 x 3 mm



Brass Heavy Duty Square Test Clamp

TC-S-BH

MATERIAL	Brass
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Lightning Test Link Box

SIZE	125 x 125 x 40 mm
ALUMINIUM	TLB
STAINLESS STEEL	TLB-SS



Galvanized Lid Inspection Pit

GIP

MATERIAL	Plastic base with hot-dipped galvanized cover
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Polymer Lid Inspection Pit

EL-EPP

MATERIAL	Plastic base with polymer cover
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Cast Iron Lid Inspection Pit

EL-EPIC

MATERIAL	Plastic base with cast iron cover
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Square Concrete Earth Pit

CIP-S

MATERIAL	Concrete
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Circular Concrete Earth Pit

CIP-C

MATERIAL	Concrete
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04 Rods & Air Terminals

Earth rod • driving stud • coupling • earth point • air terminals

Copper Bonded Steel Rod (Earth Rod)



CR586E

CR586E-250

CR346E

SIZE

5/8" x 6 ft, 3/4" x 6 ft

Driving Stud

ST58

ST34



SIZE

5/8", 3/4"

Brass Coupling

CB58E

CB34E



SIZE

5/8" x 70 mm, 3/4" x 70 mm

4 Holes Earth Point

EP4H-S



Aluminium Air Terminal c/w Base



MATERIAL

Aluminium

FINIAL POINT SIZE

1 ft, 1½ ft, 2 ft, 2½ ft, 3 ft

Copper Air Terminal c/w Base



MATERIAL

Copper / Brass

FINIAL POINT SIZE

1 ft, 1½ ft, 2 ft, 2½ ft, 3 ft

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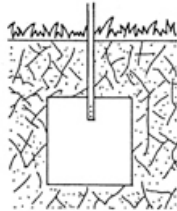
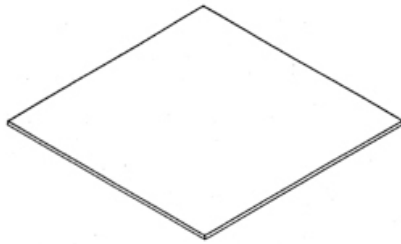
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05 Plates, Mesh & Earth Bars

Copper plate · copper mesh · earth bars

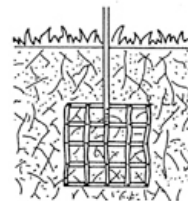
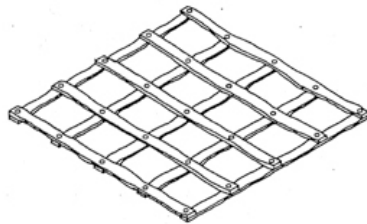
Copper Plate



AVAILABLE SIZES

600 x 600 x 1.5 mm	900 x 900 x 3 mm
600 x 600 x 3 mm	1200 x 1200 x 1.5 mm
900 x 900 x 1.5 mm	1200 x 1200 x 3 mm

Copper Mesh



Earth Bars



Optional: Earth bar base bracket

SIZE	4 way, 6 way, 8 way, 10 way, 12 way, 14 way
MATERIAL	Copper Tinned – 25 x 6 mm, 50 x 6 mm
NOTE	Other sizes can also be fabricated to requirement

06 Strike Pads & Bonding Clip

Brass and aluminium strike pads · pipe bonding clip

Strike Pad Brass



MATERIAL	Copper Alloy
DIAMETER	100 mm
THREAD SIZE	M10: Comes with Stainless Steel 40 mm length dowel c/w bolt & washers 5/8": Comes without dowel
APPLICATION	Exposed attractive point on roof or side of building for hidden / embedded conductor

Strike Pad Aluminium



MATERIAL	Aluminium Alloy
DIAMETER	100 mm
THREAD SIZE	M10: Comes with Stainless Steel 40 mm length dowel c/w bolt & washers 5/8": Comes without dowel
APPLICATION	Exposed attractive point on roof or side of building for hidden / embedded conductor

Pipe Bonding Clip



EL-EC-[PIPE DIAMETER]-E

PIPE BONDING CLIP

Product Code	Recommended Pipe Diameter	Length of Clip
EL-EC-1-E	1"	6"
EL-EC-2-E	2"	10"
EL-EC-3-E	3"	12"
EL-EC-4-E	4"	15"
EL-EC-6-E	6"	23"
EL-EC-8-E	8"	28"
EL-EC-10-E	10"	32"
EL-EC-12-E	12"	40"

07 Waterproof Seal System

EMTECH water proof seal earthing system · single and double flange

| Water Proof Seal Earthing System



EL-EPP

Lockable high performance PVC pit



EL-WPSP1

Earth electrode seal top



EL-WPSP1-300

Pipe – 50 mm x 300 mm

| Water Proof Seal Earthing System – Double Flange



EL-EPP

Lockable high performance PVC pit



EL-WPSP1

Earth electrode seal top



EL-WPSP2-1000

Pipe – 50 mm x 1000 mm



EL-WPSP2

Earth electrode seal – bottom



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