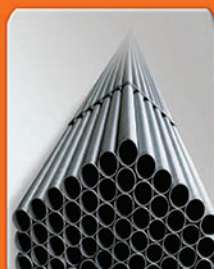


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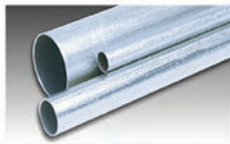
0122 114 1142 / 0100 6681510

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EMT • Electrical Metallic Tubing

- Hot galvanized steel using patented Inline Flo-Coat® process for long lasting exterior protection
- E-Z Pull interior coating provides a smooth raceway for fast, easier wire-pulling
- Excellent mechanical protection for conductors
- Ductility for faster and easier bending
- Listed to Underwriters Laboratories Safety Standard UL 797
- Manufactured in accordance with ANSI C80.3
- Available in sizes 1/2 (16) - 4 (103)



IMC • Intermediate Metallic Tubing

IMC Conduit

- Light-weight ductile steel conduit for long life and easy bending
- Weighs 1/3 less than rigid conduit
- Saves up to 30% in cost over GRC
- Hot galvanized exterior to increase corrosion resistance and protect against white rust
- Interior coating creates a smooth, continuous raceway for fast wire-pulling
- UL 1242 listed and manufactured in accordance with ANSI C80.5
- Available in trade sizes 1/2(16) thru 4(103)



GRC • Galvanized Rigid Conduit

Galvanized Rigid Conduit (GRC)

- Hot-dip galvanized for excellent corrosion resistance
- High strength ductile steel for long life and easy bending
- Smooth, continuous raceways for fast wire pulling
- Listed to Safety Standard UL 6
- Manufactured in accordance with ANSI C80.1
- Available in sizes 1/2 (16) - 6 (155)

Quality, Long Lasting Heavy Duty Steel Conduit



ARC • Aluminum Rigid Conduit

Aluminum Rigid Conduit (ARC)

- Aluminum Rigid Conduit is light weight and is approximately one-third the weight of steel
- Corrosion Resistant aluminum resists most corrosive atmospheres in industrial environments
- Easy to install, no special tools needed to cut, bend or thread
- Low maintenance, doesn't leave discoloring streaks or stains
- Listed to UL Safety Standard 6A
- Manufactured in accordance with ANSI C80.5
- Complete line of elbows, nipples and couplings
- Available in sizes 1/2(16) - 6 (155)



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TUBE & CONDUIT®

CONDUIT, ELBOWS, COUPLINGS AND NIPPLES

Steel (IMC, GRC, EMT) • Aluminum

Allied PVC Fittings



Allied PVC Conduit



- PVC Rigid Conduit Sch40 & Sch80
- PVC Conduit Utility Duct DB60 & DB120
- PVC Conduit Utility Duct EB20 & EB35
- PVC Elbows
- Plastic Duct Spacers
- PVC Couplings, Adapters, Strap & Meter Accessories
- PVC Fittings, Plates, Cover Boxes & Misc

BURN EMT

ELECTRICAL METALLIC TUBING



HOT DIPPED GALVANIZED

INSIDE & OUTSIDE

Maximum Corrosion Protection

EMT Electrical Metallic Tubing to ANSI C80.3



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For
SUPPLIES & AGENCIES

BURN EMT

Hot Dipped Galvanized Inside & Outside Maximum Corrosion Protection

- BURN EMT is precision manufactured from high grade mild steel strip for exceptional durability and competitive life cycle cost.
- BURN EMT is also manufactured to meet the requirements of ANSI C80.3. EMT is recognized as an equipment grounding conductor by NEC.
- BURN EMT combines strength with ductility, resulting in faster and easier installations. It provides easy bending, cutting and joining while resisting flattening, kinking and splitting, creating smooth, continuous raceways for fast wire pulling. Its uniform wall thickness provides resistance to physical damage from impact or crushing.
- Stringent internal weld bead removal process ensures BURN EMT provides smooth continuous raceways for fast wire-pulling. Even when there is a 90° bend, there should not be any concern for damage to the wires.
- BURN EMT greatly reduces electromagnetic fields, effectively shielding computers and sensitive electronic equipment from the electromagnetic interference caused by power distribution systems.

THE HOT DIPPED GALVANIZING PROCESS

All BURN EMT are hot dipped galvanized both inside and outside to provide more than 66 microns of zinc coating. The hot dipped galvanizing process utilizes molten zinc for coating. Formed and welded finished conduit lengths are transferred through cleaning and pickling operations prior to immersion into the molten zinc bath of more than 430°C. After exiting the bath, the conduit is subjected to a series of air wipers which control coating thickness and surface condition on both the interior and exterior of the product. The conduit is then quenched and passed through chromate solution as an additional protection on the zinc coating itself from white rust.

DIMENSIONS AND WEIGHTS

Item Code	Trade Size		Outside Diameter (mm)	Wall Thickness (mm)	Min. Weight Per Length (kgs)
	in.	mm			
C-BN-E050H	1/2	16	17.93 ± 0.13	1.07	1.50
C-BN-E075H	3/4	21	23.42 ± 0.13	1.25	2.10
C-BN-E100H	1	27	29.54 ± 0.13	1.45	3.20
C-BN-E125H	1 1/4	35	38.35 ± 0.13	1.65	4.31
C-BN-E150H	1 1/2	41	44.20 ± 0.13	1.65	4.99
C-BN-E200H	2	53	55.80 ± 0.13	1.65	6.35

Elbows and couplings are available for all sizes.



E304028

Note -
Standard length:
10m (33.05m) with a
tolerance of +1.6.35mm

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For
SUPPLIES & AGENCIES

BURN IMC

INTERMEDIATE METAL CONDUIT



HOT DIPPED GALVANIZED

INSIDE & OUTSIDE

Maximum Corrosion Protection

IMC Intermediate Metal Conduit to ANSI C80.6

BURN IMC

Hot Dipped Galvanized Inside & Outside Maximum Corrosion Protection

- BURN IMC is lighter in weight but as strong as galvanized Rigid Steel Conduit, and also has a larger interior diameter. IMC was designed specifically to protect insulated electrical conductors and cables, eliminating the need for a heavier wall product. It is recognized by the National Electrical Code for use in the same applications as RSC, including all hazardous locations.
- BURN IMC is manufactured from premium, work hardened steel combining electrical and mechanical performance with ductility. (The steel used are of high-strength low-alloy steel).
- BURN IMC is resistant to impact and is easy to cut, bend and join for smooth, continuous raceways and fast wire-pulling. It is easily field threaded using standard tools. Bending can also be done in the field or shop using a variety of IMC bending equipment.
- Stringent internal weld bead removal process ensures BURN IMC provides smooth continuous raceways for fast wire-pulling. Even when there is a 90° bend, there should not be any concern for damage to the wires.
- BURN IMC threads are full cut for tight-fitting connections. The standard threads accommodate all the threaded RSC couplings, junction boxes, outlet boxes, and other electrical fittings. The threads are painted after threading for protection against corrosion. Color-coded end-cap thread protectors keep the threads clean and sharp.
- BURN IMC greatly reduces electromagnetic fields, effectively shielding computers and sensitive electronic equipment from the electromagnetic interference caused by power distribution systems.
- BURN IMC is listed to Underwriters Laboratories Safety Standard UL 1242 and meets ANSI C80.6. IMC is recognized as an equipment grounding conductor by NEC.

THE HOT DIPPED GALVANIZING PROCESS

All BURN IMC are hot dipped galvanized both inside and outside to provide more than 66 microns of zinc coating. The hot dipped galvanizing process utilizes molten zinc for coating. Formed and welded finished conduit lengths are transferred through cleaning and pickling operations prior to immersion into the molten zinc bath of more than 430°C. After exiting the bath, the conduit is subjected to a series of air wipers which control coating thickness and surface condition on both the interior and exterior of the product. The conduit is then quenched and passed through chromate solution as an additional protection on the zinc coating itself from white rust.

Where IMC is used - IMC is recognized by the NEC for the same uses as rigid conduit, including all hazardous locations. It can be installed above or below ground, in concrete or earth, and used in high-voltage installations (over 600 volts). IMC may be used under atmospheric conditions, in all occupancies, and under the same conditions as rigid. The NEC recognized IMC as an equipment grounding conductor and permits use of U.L. listed sewer and compression no-thread fittings.

DIMENSIONS AND WEIGHTS

Item Code	Trade Size		Outside Diameter		Wall Thickness (mm)	Min. Weight Per Length With Coupling (kgs)
	in.	mm	Min. (mm)	Max. (mm)		
C-BN-1050H	1/2	16	20.6	20.8	1.79 ± 0.40	2.80
C-BN-1075H	3/4	21	26.0	26.3	1.90 ± 0.40	3.70
C-BN-1100H	1	27	32.6	32.9	2.16 ± 0.40	5.20
C-BN-1125H	1 1/4	35	41.4	41.9	2.16 ± 0.50	7.00
C-BN-1150H	1 1/2	41	47.6	48.0	2.29 ± 0.50	7.91
C-BN-1200H	2	53	59.7	60.1	2.41 ± 0.50	10.52
C-BN-1250H	2 1/2	63	72.3	72.8	3.56 ± 0.50	18.62
C-BN-1300H	3	78	88.0	88.5	3.56 ± 0.50	22.90
C-BN-1350H	3 1/2	91	100.6	101.1	3.56 ± 0.50	26.30
C-BN-1400H	4	103	113.2	113.7	3.56 ± 0.50	29.61

Elbows and couplings are available for all sizes.



E211593

Note:
Standard length:
10ft (3.05m) with a
tolerance of +1.40mm
(on hub coupling)

BURN RSC

RIGID STEEL CONDUIT



HOT DIPPED GALVANIZED

INSIDE & OUTSIDE

Maximum Corrosion Protection

RSC Rigid Steel Conduit to ANSI C80.1



BURN RSC

Hot Dipped Galvanized Inside & Outside Maximum Corrosion Protection HEAVY DUTY

- BURN RSC is precision manufactured for dependable, long-lasting value and protection for electrical raceway system. BURN RSC also provides radiation protection, magnetic shielding and resists impact.
- Manufactured from high-strength steel strip, BURN RSC combines damage-resistant strength with ductility to assure easy bending, cutting and joining for smooth, continuous raceways and fast wire-pulling.
- Stringent internal weld bead removal process ensures BURN RSC provides smooth continuous raceways for fast wire-pulling. Even when there is a 90° bend, there should not be any concern for damage to the wires.
- BURN RSC threads are full cut for tight-fitting connections. The threads are painted with quality paint for protection against corrosion. Color-coded end-cap thread protectors keep the threads clean and sharp.
- BURN RSC greatly reduces electromagnetic fields, effectively shielding computers and sensitive electronic equipment from the electromagnetic interference caused by power distribution systems.
- BURN RSC is impact and crush resistant for maximum conductor protection. Its uniform wall thickness provides resistance to physical damage from impact or crushing.
- BURN RSC is manufactured to meet the requirements of ANSI C80.1. RSC is recognized as an equipment grounding conductor by NEC.

THE HOT DIPPED GALVANIZING PROCESS

All BURN RSC are hot dipped galvanized both inside and outside to provide more than 66 microns of zinc coating. The hot dipped galvanizing process utilizes molten zinc for coating. Formed and welded finished conduit lengths are transferred through cleaning and pickling operations prior to immersion into the molten zinc bath of more than 430°C. After exiting the bath, the conduit is subjected to a series of air wipers which control coating thickness and surface condition on both the interior and exterior of the product. The conduit is then quenched and passed through chromate solution as an additional protection on the zinc coating itself from white rust.

DIMENSIONS AND WEIGHTS

Item Code	Trade Size		Outside Diameter (mm)	Wall Thickness (mm)	Min. Weight Per Length With Coupling (kgs)
	in.	mm			
C-BN-R050H	1/2	16	21.1 ± 0.38	2.64 -12.5%	3.58
C-BN-R075H	3/4	21	26.7 ± 0.38	2.72 -12.5%	4.76
C-BN-R100H	1	27	33.4 ± 0.38	3.20 -12.5%	6.94
C-BN-R125H	1 1/4	35	42.2 ± 0.38	3.38 -12.5%	9.12
C-BN-R150H	1 1/2	41	48.3 ± 0.38	3.51 -12.5%	11.30
C-BN-R200H	2	53	60.3 ± 0.38	3.71 -12.5%	15.06
C-BN-R250H	2 1/2	63	73.0 ± 0.64	4.90 -12.5%	23.90
C-BN-R300H	3	78	88.9 ± 0.64	5.21 -12.5%	30.96
C-BN-R350H	3 1/2	91	101.6 ± 0.64	5.46 -12.5%	37.70
C-BN-R400H	4	103	114.3 ± 0.64	5.72 -12.5%	46.10
C-BN-R500H	5	129	141.3 ± 1.00	6.22 -12.5%	59.58
C-BN-R600H	6	155	168.3 ± 1.00	6.76 -12.5%	79.16

Elbows and couplings are available for all sizes.



E800028

Note: Standard length: 10ft (3.05m) with a tolerance of +/- 0.35mm (without coupling)



International Tube & Conduit Company Ltd.



GALVANIZING EDGE IN TUBE TECHNOLOGY

- Conduits
- Scaffolding & Form work
- Mechanical Pipes
- Fences
- Handrails

CONDUITS

Electrical Metallic Tubing	EMT
Rigid Metal Conduit	RMC
Intermediate Metal Conduit	IMC
British Standard Conduit	BS
Flexible Conduit	FC
Fittings	

EMT pipes are manufactured in accordance with the latest edition of the following:

- American National Standards Institute – American National Standards for Steel (ANSI C80.3)
- Underwriters Laboratories Standard for Electrical Metallic Tubing (UL 797)

IMC pipes are manufactured in accordance with the latest edition of the following:

- American National Standards Institute – American National Standards for Electrical Intermediate Metal Conduit (ANSI C80.6)
- Underwriters Laboratories Standard for Electrical Intermediate Metal Conduit – Steel, (UL 1242)

RMC pipes are manufactured in accordance with the latest edition of the following:

- American National Standards for Electrical Rigid Steel Conduit (ANSI C80.1)
- Underwriters Laboratories Standards for Electrical Rigid Conduit (UL 6)





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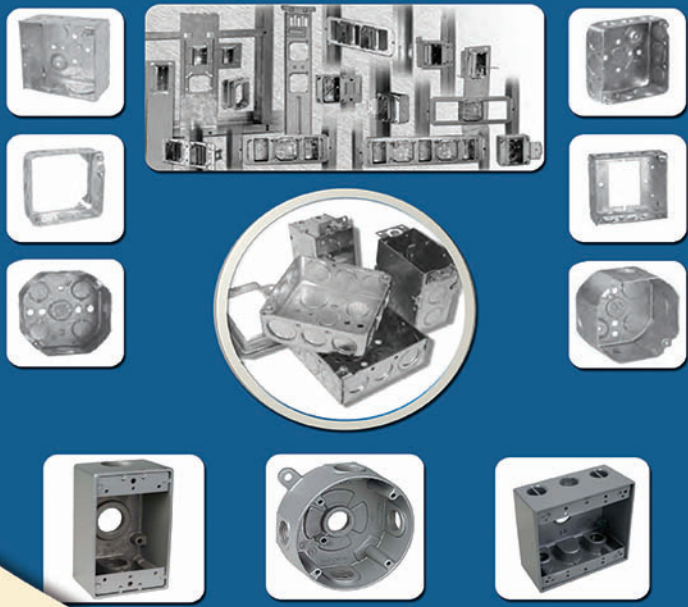
EVEN
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IMPORTANT TO US.



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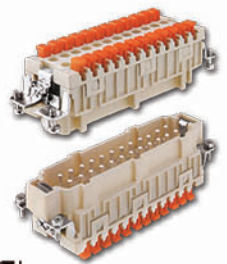
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MANUFACTURED IN ACCORDANCE WITH
BRITISH & AMERICAN STANDARDS

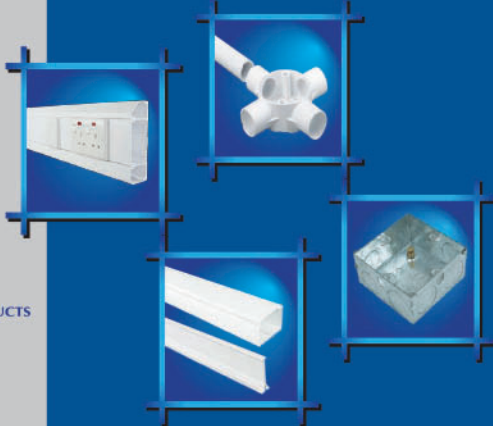
Rigid Round
Conduits & Fittings : BS EN 61386 -21

Corrugated Conduits : BS EN 61386 -22

Oval Conduits

Schedule 40 Conduits : NEMA TC2

Conduit Switch
& Socket Boxes : BS 5733 / BS 4662



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Standard Butt Connectors	Easy Entry Comp Tooling	Electrical Cable Glands	Cable Tie Tensioners	Cable Tie Tensioners
Easy Entry Parallel Crimps	Electrical Kit Boxes	Easy Entry Push On Crimps	Easy Entry (No.1) Red Crimps	Masonry Mounts
Easy Entry Nylon Crimps	Conduit	Standard (No.2) Blue Crimps	Cable Markers	Standard Push On Crimps



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TEKAB Co. Ltd.



APPROVALS

LPC Test report T891835 as to compliance to BS 7529 to categories CWZ
Forensic science laboratory, U.A.E.
Ministry of Interior report No. 2297/06



QUALITY ASSURANCE

Quality System Certificate
No. 97787 / ISO 9001:1994
Cert.U.A.E./003/1997 EN ISO 9001:1994



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■ INDUSTRIAL CABLES & WIRES

A wide variety of cable and wiring products for all kinds of applications and almost every type of use.

Our extensive range of standard products available from inventory covers most of what you need, including:

- Flexible control cables
- Data and computer cables
- Heat-resistant cables
- Internationally approved cables
- Halogen-free control cables
- Coaxial cables
- Flat and ribbon cables
- Vehicle cables
- Motor, servo and feedback cables
- Cables for drag chains

- Robot cables
- All-weather and rubber cables
- Water-resistant cables
- Single conductors



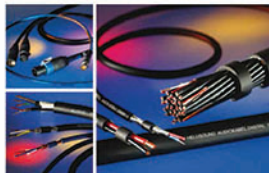
■ INFRASTRUCTURE CABLES & WIRES

Our standard program consists of:

- Installation cables
- Telephone cables
- Fire Warning cables
- Power cables
- Security cables
- Medium-voltage power cables

■ DATA, NETWORK AND BUS TECHNOLOGY

- Optical fibre connection technology
- Network system cabinets
- Splice systems and measurement technology
- Active components
- Fibre-optic cables
- Copper data cables
- Bus-lines
- Copper connection technology



■ MEDIA TECHNOLOGY

- AES/EBU audio cables
- DMX cables
- Round and multicore loudspeaker cables
- Instrument cables
- Microphone cables
- Video cables
- Connection equipment
- Custom cables as per your requirements

■ CABLE ACCESSORIES

Additional components to complete the cable system.

- Cable glands
- Cable protection tubes
- Cable drag chains
- Insulating and shrunk tubes
- Core end sleeves and cable lugs
- Tools
- HELUTEK® signal and power connectors
- Braided and high-temperature tubes
- Termination and connection sleeves
- Bundling, binding and fixing
- Identification and marking



■ PRE-ASSEMBLED CABLES

We offer pre-assembled cables as:

- Servo, feedback, motor, and fan cables
- Robot cables
- Connecting cables
- Extensions & supply cables

■ CUSTOM CABLES

- Single conductors
- Reeling cables
- Photovoltaic cables
- Wind turbine cables
- Sensor, actuator & distributor cables
- Airport cables
- Truck cables



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Conductive dust
Gas
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Camping and caravan parks
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Aboard ship
Containers



AUTOMATION

Control
Start
Isolation
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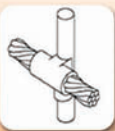


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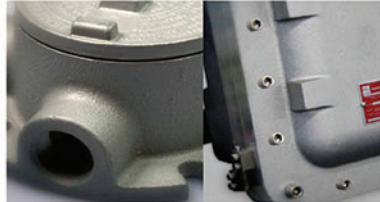


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CONTROLS

Unsurpassed safety meets incredible simplicity. Easy to install Appleton control stations are built to safely and efficiently operate your equipment. They'll help you keep productivity high, downtime low.

ENCLOSURES AND JUNCTION BOXES

When one spark makes the difference between a normal day and a big problem, Appleton enclosures are an absolute necessity. Designed to fully contain and confine an explosive force within the enclosure, they are strong enough to withstand the effects of corrosion and time.



PLUGS AND RECEPTACLES

Appleton plugs and receptacles are engineered for use in the most hazardous and rugged locations. They are watertight, explosion-proof and resistant to corrosion and vibration. When your access to power must remain uninterrupted and safe, make sure you install Appleton.

LIGHTING

Corrosive elements. Combustible dusts. Flammable gases and vapors. For proper illumination in extreme conditions, you need a company that pushes safety to the extreme. Appleton has expanded the boundaries of technology, efficiency and performance to ensure your lighting stays on – and safe. Because failure just isn't an option.

SIMPLIFIED LIGHTING. TRUSTED PROTECTION.



SEE THE FUTURE. LED LUMINAIRES.



DISTRIBUTION EQUIPMENT

Distributing power with total safety is our goal, which has defined our products for generations. Your customers and employees deserve this ongoing commitment to safety. The durability of Appleton products coupled with the ease of installation provides low installation costs today and minimal maintenance costs in the future.



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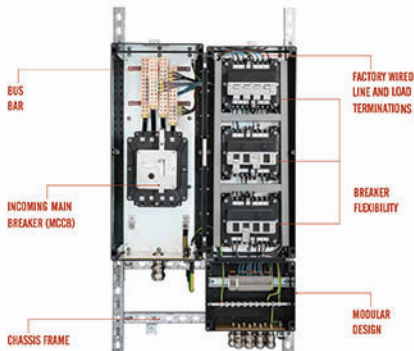
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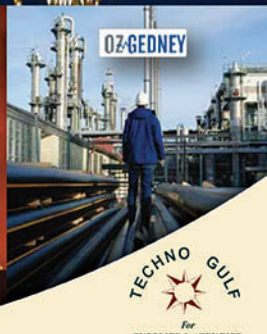
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PANELBOARD PROTECTION ON A GLOBAL SCALE



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