

REXWAY

BS

**british standard
conduit &
fittings**

f o r c a b l e m a n a g e m e n t

**complete
solution**

**maximum
corrosion
protection**

**ease of
installation**



TOGETHER WE ARE BETTER





In an ever changing market, **INSTEEL** has forged itself a respected industry name...
We go beyond the call of duty, get to the root of the issues and

WORK REALLY, REALLY HARD!

Never satisfied with mediocrity, we strive to achieve more, often asking
"how can we improve?" After all, if you are not passionate about it, why do it!

Do we think out of the box?

ACTUALLY, WE DON'T BELIEVE THERE IS A BOX!

Established in 1998, we have broadened our horizons and are poised, ready to face
the challenges ahead, whilst always mindful of our absolute conviction towards

INTEGRITY & RELIABILITY

INSTEEL believes that business is about relationships -
long-term relationships.

The support of our business partners
both customers and suppliers
alike, is essential to the very vision and enthusiasm at Insteel.



T O G E T H E R W E A R E B E T T E R



REXWAY BS

British Standard
Conduit & Fittings



Steel conduit system for cable management

REXWAY electrical steel conduit system are designed specifically with global specifications in mind ensuring absolute functionality in a variety of demanding environments. A well-designed electrical conduit system provides mechanical protection and electrical safety to persons and property with the capacity for future expansion and changing conditions.

Why steel?

- Built-in grounding/earthing capabilities eliminate the need for supplemental grounding conductors.
- Physical protection from strength.
- Reusability for future additions or replacement of circuits.
- Non-combustibility reduces hazards from fire.
- Chemical compatibility with concrete.
- Good dissipation of heat.
- It's recyclable!
- Steel conduit acts as an Electromagnetic Interference (EMI) shield!

More about EMI....

EMI from everyday electrical distribution systems cause problems to today's sensitive equipment. From distortion of images on computers, to disruption of vital communication links, such problems can impact from the irritating to the catastrophic! Steel cable management systems "are the most effective" in reducing EMI levels for encased power-distribution circuits, reducing the field levels by up to 95% ** (in 60-Hz systems). While steel may not be the least expensive type of conduit available, it is the most cost effective approach in the long term, to controlling the impact of EMI.

For just this reason, the Federal Aviation Administration (FAA) has recommended the use of steel conduit to overcome problems at locations where control, communications and airfield-lighting cable either cross or run parallel to each other.

[**Research carried out by Georgia Institute of Technology, USA sponsored by the Steel Tube Institute (STI)]



Why **REXWAY**?

Easy Wire Pulling and Pushing

A significant market differentiator in choosing steel conduit systems is the internal friction of the walls in contact with the wires. The higher the friction, the shorter the distance wires can be pushed or pulled.

Every care is taken to ensure **REXWAY** conduit systems are clean and even. Notably, the conduit's internal beads are well controlled, and the fittings interiors are debris free, and sharp edges removed. The interior of **REXWAY** conduit systems are functional in their grounding/earthing capabilities and the ever essential even, clean interior reduces friction for easy wire pulling and pushing. This really minimizes problematic snagging.

Precise Threading Minimizes Installation Time

REXWAY conduit and fittings precise thread ensures a clean, smooth, perpendicular finish. This ensures a straight coupling position resulting in a continuous conduit line. The perpendicular thread finish facilitates easy fitting of conduit accessories which minimizes installation times.

Accurate Field Bending, Cutting, Threading & Reaming

Cutting, threading and bending of **REXWAY** conduits can easily be done in the field or shop using a variety of standard equipment. Cutting leaves a sharp edge or burrs on the inside of the conduits and must be removed by reaming. This is to avoid cutting into the insulation when the conductors are pulled into it.

Anode Cathodic Protection:

The electrochemical relationship between zinc and steel in the presence of an electrolyte, like moisture, means that if the galvanised coating is ever compromised down to the bare steel, then the electrons in the zinc will "sacrifice" themselves to prevent corrosion. "Flash" rust will occur on the surface, but then the corrosion stops. Over time zinc from the top layer will flow into a cut up to 1/4" in the coating to "heal" it.

Zinc Patina Protection:

The zinc patina is a hard, thin film that forms on the galvanised coating when it reacts with the oxygen, moisture and carbon dioxide in the air (this is the dull grey surface that is associated with HDG finish). This film acts as a barrier for the galvanised coating and must wear off before the galvanised coating begins to wear.

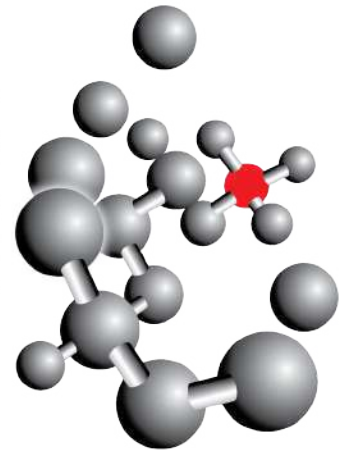
Chromate Protection:

Even though zinc provides excellent rust corrosion protection, the surface of steel coated with it does not remain bright and stain-free. To avoid staining and delay the formation of white corrosion during storage or in service, galvanised items are usually given a protective film of chromate conversion coating post hot dipped galvanising. The chromate coating is also beneficial as a base for paints in that it forms a barrier between the paint and the zinc, dramatically reducing any reaction or erosion that may occur in its absence. Put simply, the zinc protects the steel and the chromate protects the zinc! Zinc coating also need to comply to set standards to ensure adhesion and flexibility as the finished product will most likely undergo bending during installation.

Superior Galvanising...

Galvanising is the practice by which zinc is metallurgically bonded over a steel substrate to provide protection to the base metal. Hot dipped galvanising is widely regarded as offering the most superior of corrosion protection available because the zinc coating is very difficult to compromise. The zinc coating provides protection to the steel in two distinct ways:

- I. By shielding the base metal from the atmosphere
- II. By providing anodic protection.

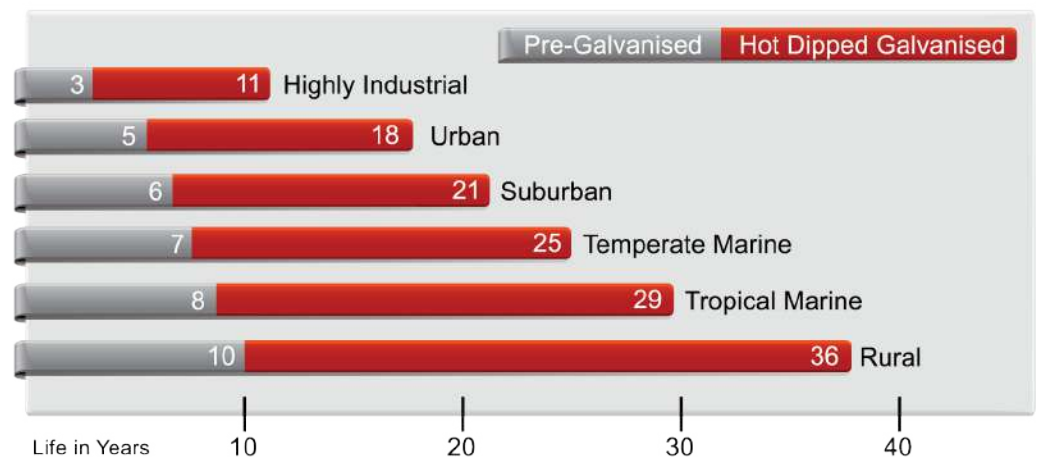


Galvanising is the chosen finish for most of **REXWAY** conduits and fittings products due to its superior protective advantage. Our galvanised products are manufactured in the following manner:

- **Hot Dipped Galvanising** – by immersing the finished products into a molten zinc bath of 430°C. This is the preferred galvanising process for more demanding environments such as heavy industries like oil and gas, underground, airport and seaports.
- **Pre-Galvanised** coils and sheets that have been zinc coated by a hot dipped process is used to manufacture **REXWAY** conduits and fittings. In the case of conduits, steel strip from a coil is fed through a continuous zinc coater that cleans, fluxes and coats the steel with molten zinc. After cooling, the steel is recoiled and thereafter manufactured into conduit.
- **Electro Galvanising** is the process whereby zinc is electrochemically applied to the finished steel products.

COMPARISON OF HOT DIPPED GALVANISED AND PRE-GALVANISED COATING IN VARIOUS ENVIRONMENTS

Anticipated Life Of Zinc Coating in Various Atmospheric Environments



Note:

1. Pre-Galvanised Zinc (ASTM A525 Coating Designation G90)
2. Hot Dipped Galvanised After Fabrication ASTM A123 (Formerly A386)

Cable Capacity Guideline for Conduit

What is the factor rating of a cable or wire?

Cable (or wire) resistance creates heat in operating circuits. This heat is a potential fire ignition hazard. Skinny wires have a lower allowable current ("ampacity") than fat wires, due to their greater resistance per unit length, and consequently greater heat generation per unit current.

The factor rating of a cable (or wire) depends on its ability to lose the heat produced in it by the current it carries and this depends to some extent on the way it is installed. A cable clipped to a surface will more easily be able to dissipate heat than a similar cable which is installed with others in a conduit. Because of this, cables installed in groups with others like, in a conduit are allowed to carry less current.

The following tables serve as a guideline calculation for the number of various sizes of single-core p.v.c insulated cables that can run through different sizes and lengths of steel conduit.

1 To determine Cable Capacities for Straight Runs not exceeding 3 meters in length

- From Table 1 below, obtain the cable factor for each type of cable being used.
- Sum up the cable factors and compare the conduit factors given in Table 2.
- The conduit sizes which will accommodate the selected cables are the size with a conduit factor equal to or greater than the sum of the selected cable factors.

2 To determine Cable Capacities for Straight Runs exceeding 3 meters in length or, runs of any length incorporating bends

- From Table 3 below, obtain the cable factor for each type of cable being used.
- Sum up the cable factors and compare the conduit factors given in Table 4.
- The conduit sizes which will accommodate the selected tables are the size with a conduit factor equal to, or greater than the sum of the selected cable factors.

Table 1
Cable factors for short straight runs

Type of Conductor	Conductor cross-sectional area (mm ²)	Cable Factor
Solid	1	22
	1.5	27
	2.5	39
Stranded	1.5	31
	2.5	43
	4	58
	6	88
	10	146

Table 2
Conduit factors for short straight runs

Conduit OD (mm)	Conduit Factor
16	290
20	460
25	800
32	1400

Table 3
Cable factors for long straight runs, or runs incorporating bends

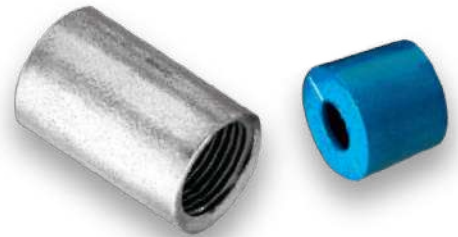
Type of Conductor	Conductor cross-sectional area (mm ²)	Cable Factor
Solid or Stranded	1	16
	1.5	22
	2.5	30
	4	43
	6	58
	10	105

Table 4
Conduit factors for runs incorporating bends

Length of run Meters	CONDUIT DIAMETER, MM															
	16	20	25	32	16	20	25	32	16	20	25	32	16	20	25	32
	Straight				One bend				Two bends				Three bends			
1	Covered in Tables 1 and 2				188	303	543	947	177	286	514	900	158	256	463	818
1.5					182	294	528	923	167	270	487	857	143	233	422	750
2					177	286	514	900	158	256	463	818	130	213	388	692
2.5					171	278	500	878	150	244	442	783	120	196	358	643
3					167	270	487	857	143	233	422	750	111	182	333	600
3.5	179	290	521	911	162	263	475	837	136	222	404	720	103	169	311	563
4	177	286	514	900	158	256	463	818	130	213	388	692	97	159	292	529
4.5	174	282	507	889	154	250	452	800	125	204	373	667	91	149	275	500
5	171	278	500	878	150	244	442	783	120	196	358	643	86	141	260	474
6	167	270	487	857	143	233	422	750	111	182	333	600				
7	162	263	475	837	136	222	404	720	103	169	311	563				
8	158	256	463	818	130	213	388	692	97	159	292	529				
9	154	250	452	800	125	204	373	667	91	149	275	500				
10	150	244	442	783	120	196	358	643	86	141	260	474				



Manufactured in accordance with
BS 31 / BS EN 50086-2-1 /
BS EN 61386-21 where applicable.
Threaded both ends. One end fitted with
coupling and the other protected by thread
protector.



BS EN 61386-21 / BS EN 50086-2-1

Class 4 Finish / Heavy Protection
Hot Dipped Galvanised Inside and Outside
3.75 Meter Length
Wall Thickness Tolerance : $\pm 0.15\text{mm}$

Item Code	Outside Diameter	Nominal Wall Thickness (mm)	Approximate Weight Per Length (kgs)
C-RX-B6020H	20mm	1.40	2.740
C-RX-B6025H	25mm	1.40	3.490
C-RX-B6032H	32mm	1.40	4.540

BS 31

Class 4 Finish / Heavy Protection
Hot Dipped Galvanised Inside and Outside
3.75 Meter Length
Wall Thickness Tolerance : $\pm 0.1\text{mm}$

Item Code	Outside Diameter	Nominal Wall Thickness (mm)	Approximate Weight Per Length (kgs)
C-RX-B038H	1-1/2"(38mm)	1.83	6.200
C-RX-B050H	2"(50mm)	2.03	9.280

REXWAY Compliance Standards

Steel Conduits

- BS 31
- BS EN 50086-1
- BS EN 50086-2-1
- BS EN 61386-21

Fittings & Accessories

- BS 31
- BS EN 50086-1
- BS EN 50086-2-1
- BS EN 61386-21

Flexible Conduit

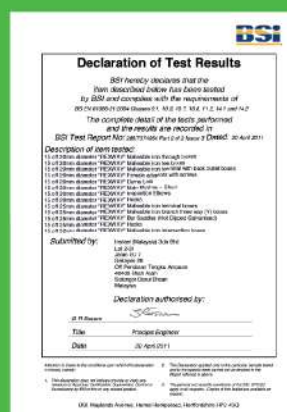
- BS 731
- BS EN 50086-2-3
- BS EN 61386-23

Switch & Socket Boxes

- BS 4662

*Also Available

- a) Rigid Metal Conduit To ANSI C80.1
- b) Intermediate Metal Tubing To ANSI C80.6
- c) Electrical Metallic Tubing To ANSI C80.3





REXWAY conduit boxes are custom manufactured from malleable iron. Malleable iron after casting is subjected to annealing which is a controlled heating and cooling exercise – among other reactions, this process removes carbon from the casting. It is the presence of carbon in cast iron which causes its brittleness and removing an amount makes the casting stronger or more “malleable”.

Malleable and cast iron look very similar, thus the choice between malleable and cast iron is often based on economy rather than properties. In the application of conduit fittings it is important that they do not crack when faced with any external impact because it will compromise the entire cable management systems grounding conductor and EMI shielding capabilities as well as leave the encased circuit damaged or exposed!

REXWAY malleable cast iron conduit boxes have many distinct advantages:

- Fittings retain good impact resistance, even at low temperatures, and
- Fittings possess high wear resistance.

After casting, annealing and cooling, **REXWAY** conduit boxes are hot dipped galvanised in a molten zinc bath. HDG is widely regarded as offering the most superior of corrosion protection available because the zinc coating is very difficult to compromise.

The strictest quality control ensures **REXWAY** malleable cast iron conduit boxes are all precision threaded. This ensures a straight continuous conduit line. The perpendicular thread finish also facilitates minimum installation times.



Sand Casting Process



BOXES - CIRCULAR

- 60.3mm internal diameter x 25mm deep for 20mm and 28mm deep for 25mm. 81mm internal diameter x 38mm deep for 32mm. 81mm internal diameter x 48mm deep for 1-1/2". 81mm Internal diameter x 62.5mm deep for 2".
- Tapped M4 at 50.8mm centres for 20mm & 25mm. Tapped M4 at 71.5mm centres for 32mm, 1-1/2" and 2". With tapped hold in base for earthing screw.
- Supplied without covers or fixing screws.



Terminal

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L101	20	100
RX-L301	25	100
RX-L501	32	50
RX-L701	1-1/2"	20
RX-L901	2"	20



Angle

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L102	20	100
RX-L302	25	100
RX-L502	32	50
RX-L702	1-1/2"	20
RX-L902	2"	20



Through

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L103	20	100
RX-L303	25	100
RX-L503	32	50
RX-L703	1-1/2"	20
RX-L903	2"	20



Tee

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L104	20	100
RX-L304	25	100
RX-L504	32	50
RX-L704	1-1/2"	20
RX-L904	2"	10



Intersection

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L105	20	100
RX-L305	25	100
RX-L505	32	50
RX-L705	1-1/2"	10
RX-L905	2"	10



Branch Two Way (U)

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L106	20	100
RX-L306	25	100
RX-L506	32	50



Twin Through Way (H)

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L107	20	100
RX-L307	25	100
RX-L507	32	50



Branch Three Way (Y)

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L109	20	100
RX-L309	25	100
RX-L509	32	50



Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L120	20	100
RX-L320	25	100
RX-L520	32	50



Terminal With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L121	20	100
RX-L321	25	100
RX-L521	32	50



Angle With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L122	20	100
RX-L322	25	100
RX-L522	32	50



Through With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L123	20	100
RX-L323	25	100
RX-L523	32	50



Tee With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L124	20	100
RX-L324	25	100
RX-L524	32	50



Intersection With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L125	20	100
RX-L325	25	100
RX-L525	32	50



Branch Two Way (U) With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L126	20	100
RX-L326	25	100
RX-L526	32	50



Twin Through Way (H) With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L127	20	100
RX-L327	25	100
RX-L527	32	50



Branch Three Way (Y) With Back Outlet

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L129	20	100
RX-L329	25	100
RX-L529	32	50

BOXES - LOOPING IN



Looping In Box

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Hole (mm)	Pcs/Carton
RX-L110-1	20	120
RX-L110-2	20	120
RX-L110-3	20	120
RX-L110-4	20	120
RX-L125-1	25	100
RX-L125-2	25	100

RINGS



Circular Box Extension Ring

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Height (mm)	Pcs/Carton
RX-L111-20	20	300
RX-L111-25	25	200
RX-L111-32	32	120
RX-L111-38	1-1/2"	120

*For Circular Box of 20mm & 25mm

RUBBER GASKETS



Rubber Gasket For Circular Box

Item Code	Size (mm)	Pcs/Carton
RX-B191	20 & 25	2,500
RX-B199	32, 1-1/2", 2"	500

COVERS



Circular Box Cover

Material : Steel
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C291	20 & 25	500
RX-C299	32, 1-1/2", 2"	250

Material : Steel
Pre-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C191	20 & 25	500
RX-C199	32, 1-1/2", 2"	250



Hook

Material : Steel
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-D148	20 & 25	300



Ball & Socket, Earthed

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-D149	20	200
RX-D150	25	200



Dome Lid

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-D146	20	300
RX-D145	25	300

COUPLING



Coupling

Material : Steel

Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C140	20	1,000
RX-C141	25	500
RX-C142	32	400
RX-C143	1-1/2"	300
RX-C144	2"	100



Expansion Coupling

Material : Steel

Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C208S	20	200
RX-C258S	25	200
RX-C328S	32	50
RX-C388S	1-1/2"	100
RX-C508S	2"	50



Flange Coupling With Lead Washer & Long Male Bush

Material

: Steel - size 20mm & 25mm
(for Flange Coupling & Lead Washer)

: Malleable Iron - size 32mm
(for Flange Coupling & Lead Washer)

: Brass (Long Male Bush)

Hot Dipped Galvanised

(for Flange Coupling & Lead Washer)

Item Code	Size (mm)	Pcs/Carton
RX-C220	20	200
RX-C225	25	200
RX-C232	32	100



Coupling with Earthing Lug

Material : Steel

Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C320	20	1,000
RX-C325	25	500
RX-C332	32	400



Short Nipple

Material : Steel

Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-B2033S	20	1,000
RX-B2536S	25	750
RX-B3243S	32	500



Long Nipple 300mm Long

Material : Steel

Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-BD20300	20	100
RX-BD25300	25	75
RX-BD32300	32	50

BENDS



Inspection Elbow

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C121	20	100
RX-C221	25	100
RX-C321	32	50



Inspection Bend

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C122	20	100
RX-C222	25	100
RX-C322	32	50



Inspection Tee

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C123	20	100
RX-C223	25	100
RX-C323	32	50



90° Normal Bend, Internal Thread

Material : Steel
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-C124	20	100
RX-C224	25	60
RX-C324	32	50
RX-C424	1-1/2"	40
RX-C524	2"	20

PLUGS



Stopping Plug Hexagonal Head

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-MI120H	20	1,000
RX-MI125H	25	500
RX-MI132H	32	500



Stopping Plug Slotted Head

Material : Brass

Item Code	Size (mm)	Pcs/Carton
RX-BS120R	20	2,000
RX-BS125R	25	1,000
RX-BS132R	32	500

SADDLES



Half Saddle

Material : Steel Plate
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SPH20HS	20	2,000
RX-SPH25HS	25	2,000
RX-SPH32HS	32	1,500



Plain Saddle

Material : Steel Plate
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SPO20HS	20	2,000
RX-SPO25HS	25	1,500
RX-SPO32HS	32	1,000



Bar Saddle

Material : Steel Plate
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SPS20HS	20	1,000
RX-SPS25HS	25	1,000
RX-SPS32HS	32	500
RX-SPS38HS	1-1/2"	400
RX-SPS50HS	2"	200

Material : Steel Plate
Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SPH20	20	2,000
RX-SPH25	25	2,000
RX-SPH32	32	1,500

Material : Steel Plate
Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SPO20	20	2,000
RX-SPO25	25	1,500
RX-SPO32	32	1,000

Material : Steel Plate
Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SPS20	20	1,000
RX-SPS25	25	1,000
RX-SPS32	32	500
RX-SPS38	1-1/2"	400
RX-SPS50	2"	200



Distance Saddle

Material : Steel Plate
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SP20	20	500
RX-SP25	25	300
RX-SP32	32	200
RX-SP38	1-1/2"	160
RX-SP50	2"	120

REDUCERS



Reducer

Material : Malleable Iron
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-M401H	20 x 25	1,000
RX-M402H	25 x 32	500
RX-M403H	20 x 32	500

LOCKNUTS



Hexagonal Locknut-Light

Material : Steel
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L181S	20 x 3 (t)	3,000
RX-L182S	25 x 3 (t)	2,000
RX-L183S	32 x 3 (t)	1,500
RX-L187S	1-1/2" x 3 (t)	1,000
RX-L188S	2" x 3 (t)	500



Hexagonal Locknut-Heavy

Material : Steel
Hot Dipped Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L184S	20 x 6 (t)	2,000
RX-L185S	25 x 6 (t)	1,000
RX-L186S	32 x 6 (t)	1,000
RX-L189S	1-1/2" x 6 (t)	1,000
RX-L190S	2" x 6 (t)	500



Locking Ring

Material : Steel
Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-SLR20EG	20	5,000
RX-SLR25EG	25	3,000
RX-SLR32EG	32	2,000

Material : Steel Plate
Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L181EG	20 x 3 (t)	3,000
RX-L182EG	25 x 3 (t)	2,000
RX-L183EG	32 x 3 (t)	1,500
RX-L187EG	1-1/2" x 3 (t)	1,000
RX-L188EG	2" x 3 (t)	500

Material : Steel
Electro-Galvanised

Item Code	Size (mm)	Pcs/Carton
RX-L184EG	20 x 6 (t)	2,000
RX-L185EG	25 x 6 (t)	1,000
RX-L186EG	32 x 6 (t)	1,000
RX-L189EG	1-1/2" x 6 (t)	1,000
RX-L190EG	2" x 6 (t)	500

BUSHES



Male Bush - Short

Material : Brass

Item Code	Size (mm)	Pcs/Carton
RX-BB120S	20	2,000
RX-BB125S	25	1,000
RX-BB132S	32	1,000
RX-BB138S	1-1/2"	500
RX-BB150S	2"	250



Male Bush - Long

Material : Brass

Item Code	Size (mm)	Pcs/Carton
RX-BB120L	20	2,000
RX-BB125L	25	1,000
RX-BB132L	32	500
RX-BB138L	1-1/2"	300
RX-BB150L	2"	200



Female Bush

Material : Brass

Item Code	Size (mm)	Pcs/Carton
RX-B272	20	3,000
RX-B273	25	3,000
RX-B274	32	1,500
RX-B275	1-1/2"	500
RX-B276	2"	500

FLEXIBLE CONDUIT



Flexible Conduit With PVC

Material : Steel Core (for Flexible Conduit)
PVC (for Sheath)
Electro-Galvanised (for Flexible Conduit)

Item Code	Size (mm)	Meter/Roll
RX-KSPS20-50M	20	50
RX-KSPS25-50M	25	50
RX-KSPS32-15M	32	15
RX-KSPS38-25M	1 - 1/2"	25
RX-KSPS50-25M	2"	25



Flexible Conduit Low Smoke Zero Halogen

Material : Steel Core (for Flexible Conduit)
Low Smoke Zero Halogen (for Sheath)
Electro-Galvanised (for Flexible Conduit)

Item Code	Size (mm)	Meter/Roll
RX-KSLH20-50M	20	50
RX-KSLH25-50M	25	50
RX-KSLH32-25M	32	25
RX-KSLH38-25M	1-1/2"	25
RX-KSLH50-25M	2"	25

* Also tested to IEC 60754-1, IEC 61034-2
& IEC 60695-2-11



Flexible Conduit Without PVC

Material : Steel Core
Electro-Galvanised

Item Code	Size (mm)	Meter/Roll
RX-KSM20-50M	20	50
RX-KSM25-20M	25	20
RX-KSM32-15M	32	15
RX-KSM38-25M	1 - 1/2"	25
RX-KSM50-10M	2"	10



Flexible Conduit Liquidtight

Material : Steel Core (for Flexible Conduit)
PVC (for Sheath)
Electro-Galvanised (for Flexible Conduit)

Item Code	Size (mm)	Meter/Roll
RX-KSLT20-50M	20	50
RX-KSLT25-50M	25	50
RX-KSLT32-50M	32	50
RX-KSLT38-25M	1 - 1/2"	25
RX-KSLT50-25M	2"	25

ADAPTORS



Male Adaptor With Screw

Material : Brass

Item Code	Size (mm)	Pcs/Carton
RX-BB20MS	20 x 20	1,000
RX-BB25MS	25 x 25	400
RX-BB32MS	32 x 32	200
RX-BB38MS	1-1/2" x 1-1/2"	160
RX-BB50MS	2" x 2"	80



Female Adaptor With Screw

Material : Brass

Item Code	Size (mm)	Pcs/Carton
RX-BB20FS	20 x 20	1,000
RX-BB25FS	25 x 25	400
RX-BB32FS	32 x 32	200
RX-BB38FS	1-1/2" x 1-1/2"	160
RX-BB50FS	2" x 2"	80



IP65 Waterproof Straight Male Connector

Material : Nickel Plated Brass

Item Code	Size (mm)	Pcs/Carton
RX-N20MW	20	200
RX-N25MW	25	150
RX-N32MW	32	100
RX-N38MW	1-1/2"	100
RX-N50MW	2"	50



Fixed Two Part Male Adaptor

Material : Nickel Plated Brass

Item Code	Size (mm)	Pcs/Carton
RX-N20MFX	20	500
RX-N25MFX	25	350



Swivel Two Part Male Adaptor

Material : Nickel Plated Brass

Item Code	Size (mm)	Pcs/Carton
RX-N20MSV	20	500
RX-N25MSV	25	350



Liquidtight Fixed Male Connector

Material : Die Cast Zinc

Item Code	Size (mm)	Pcs/Carton
RX-N20MLF	20	600
RX-N25MLF	25	360
RX-N32MLF	32	180
RX-N38MLF	1-1/2"	100
RX-N50MLF	2"	50

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SWITCH & SOCKET BOXES

One Gang

Material : Steel Plate
Pre-Galvanised

Item Code	Size (mm) (L x W x H x T)	Knockout's	Pcs/Carton
RX-P12510	72 x 72 x 25 x 1.0	12 x 20mm	200
RX-P13510	72 x 72 x 35 x 1.0	7 x 20mm, 4 x 25mm	200
RX-P14710	72 x 72 x 47 x 1.0	10 x 20mm, 1 x 25mm	100

*All above come with one brass earth terminal, one adjustable and three fixed lugs
*Other specifications and thickness can be supplied upon request



Two Gang

Material : Steel Plate
Pre-Galvanised

Item Code	Size (mm) (L x W x H x T)	Knockout's	Pcs/Carton
RX-P22510	132 x 72 x 25 x 1.0	16 x 20mm	100
RX-P23510	132 x 72 x 35 x 1.0	13 x 20mm, 3 x 25mm	100
RX-P24710	132 x 72 x 47 x 1.0	10 x 20mm, 6 x 25mm	100

*All above come with one brass earth terminal, one adjustable and one fixed lug
*Other specifications and thickness can be supplied upon request



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ADAPTABLE BOXES

Adaptable Box With Screw & Cover

Material : Steel Plate
Pre-Galvanised

Item Code	Size (mm) (L x W x H)	Pcs/Carton
RX-KB075-37-SC	75 x 75 x 37.5	100
RX-KB075-50-SC	75 x 75 x 50	100
RX-KB100-37-SC	100 x 100 x 37.5	100
RX-KB100-50-SC	100 x 100 x 50	80
RX-KB100-75-SC	100 x 100 x 75	60



TOOLS

Die Set

Item Code	Description	Sets/Carton
RX-DS2025	One complete 20mm & 25mm Die Set contains: • 1 x Die for 20mm • 1 x Die for 25mm • 1 x Die Guide for 20mm • 1 x Die Guide for 25mm • 1 x Die Stock per set with detachable handle	20
RX-DS0032	One complete 32mm Die Set contains: • 1 x Die for 32mm • 1 x Die Guide for 32mm • 1 x Die Stock per set with detachable handle	6



Conduit Bender

Item Code	Description	Set/Carton
RX-BSBENDER020-025	One complete BS4568 Conduit Bender includes: • 1 x Bender Body • 1 x Former for 20mm • 1 x Former for 25mm • 1 x Pipe Vice • 1 x Extension Handle	1
RX-BSBENDER020-032	One complete BS4568 Conduit Bender includes: • 1 x Bender Body • 1 x Former for 20mm • 1 x Former for 25mm • 1 x Former for 32mm • 1 x Pipe Vice • 1 x Extension Handle	1



Cable Carrier Stand

Item Code	Description	Sets/Carton
RX-CABLECARRIER	Lightweight Cable Carrier Stand includes 5 pcs crocodile clips	5





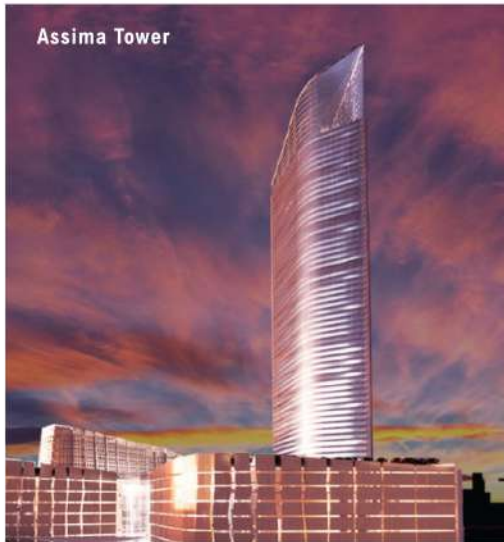
Al-Zour Refinery



New Jahra Hospital



360 Degree Mall



Assima Tower



Kuwait International Airport



Sheikh Abdullah Al Salem Cultural Centre



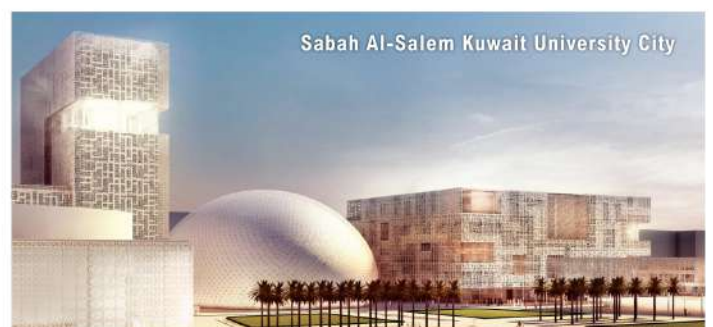
Kuwait Cancer Center



Sheikh Jaber Al-Ahmad Al Sabah Causeway



Grand Stadium & Tennis Center
Sabah Al-Salem University City



Sabah Al-Salem Kuwait University City





Emirates Global Aluminium (EGA)



Borouge 3



Mehra's Outlet Village



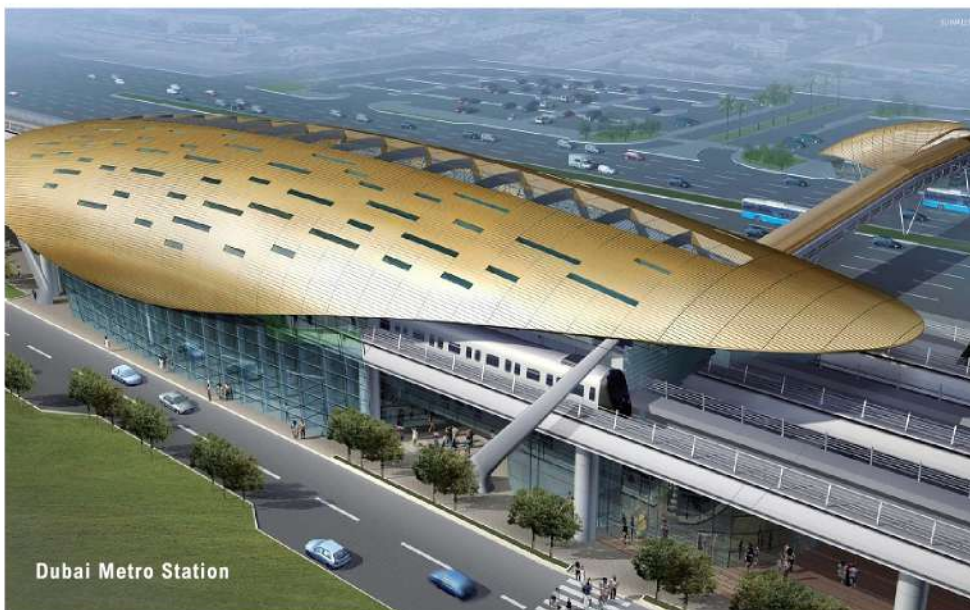
Ajman City Centre - Expansion



Dubai International Airport
Expansion (Phase III)



Arabian Ranches II Development -
Storm Water Drainage & Pumping Station



Dubai Metro Station



St. Regis Amman Hotel



Muscat International Airport &
Salalah International Airport 3



Colombo City Centre

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