

Insulated Electrical Metallic Tubing

Outstanding Features of Insulated Electrical Metallic Tubing Conduit.

Superior galvanizing process on the outside for greater protection against corrosion. Finished with durable and clear anti-corrosion coating for higher protection outside insulating coating on the inside.

Features

1.- Easy and accurate bending

RYMCO's Insulated Electrical Metallic Tubing EMT made of high quality steel and processed by high frequency induction welding to prevent cracking when bent.

2.- Easy wire pushing and pulling

The high-grade insulating coating on the inside wall makes wire-pulling easy and protects against corrosion and electric charges.

3.- Easy coupling and fast installation

Precise and accurate measures makes our conduit easy for installation.

4.- High corrosion resistance

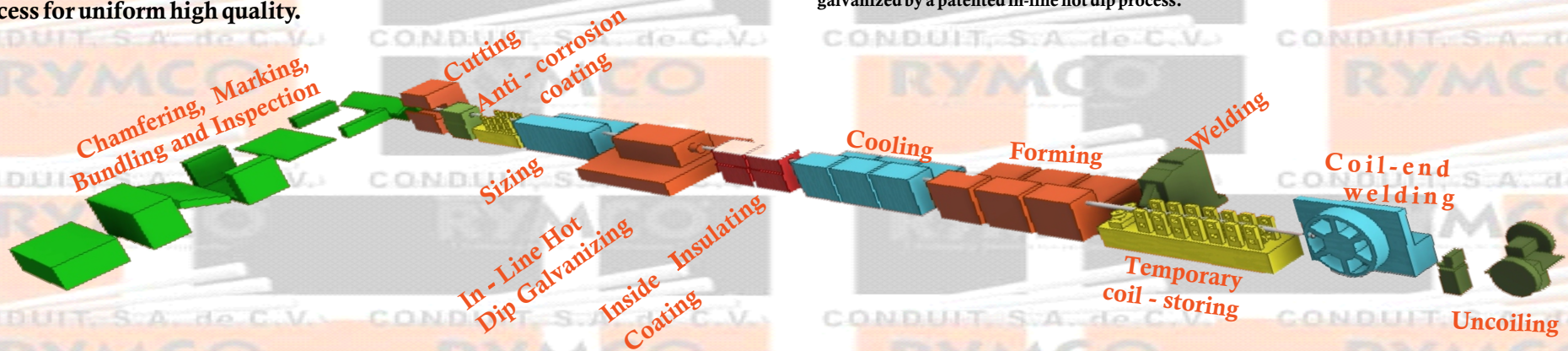
Pure zinc coating on the exterior wall protects from corrosion, even from harsh chemicals and sea air.

5.- Insulating properties

Insulating coating on the inside ensures that electrons do not flow freely.

6.- Uniform quality

Flat steel is rolled, zinc-coated and threaded in one continuous automated process for uniform high quality.



Outstanding Features of Insulated Electrical Metallic Tubing Conduit.

* Uncoiling

High quality strip steel coils are uncoiled and sent to the forming mills.

* Coil-end welding

Both ends of the coils are welded to form a single strip.

* Temporary coil-storing

Strip steel is stored here temporarily for coil end welding without stopping the main line.

* Cleaning

All surface scale and oil on the strip steel are removed to assure accurate forming and rigid welding.

* Forming

The flat strip steel is rolled into basic tubing.

* Welding

Basic tubes are welded by a high frequency induction welder. This type of welding assures rigidity, splitting-resistance and effectively eliminates inside flash.

* Inside Insulating coating

The inside wall of the conduit is coated with Insulating Coating.

* Cleaning

All surface scale and oil are removed from the tubing prior to galvanizing.

* In-line Hot-Dip Galvanizing

The exterior of the tubing is uniformly and rigidly galvanized by a patented in-line hot dip process.

* Cooling

The heated galvanized tubing is cooled.

* Sizing

The cooled, galvanized tubing is rolled to precise outside diameters in accordance with customer specifications.

* Anti-corrosion coating

For protection in addition to zinc coating, the galvanized surface is finished with a clear anti-corrosion coating.

* Cutting

Tubing is square-cut to the specified lengths.

* Chamfering

Both ends of the cut conduit are chamfered.

* Marking

Brand name, size, standards, production codes, etc. are marked on the conduit.

* Bundling

Finished conduit is steel strapped into approximately one metric ton bundle.

* Inspection

At all steps of production, strict quality control is enforced. Unless customer specifies UL, or other certificates, all conduit is inspected according to factory specifications.

RYMCO®

Insulated Electrical Metallic Tubing



RYMCO®
CALIDAD 360



Properties :

- * Resistant against corrossions on the outside.
- * Internal electric charges do not flow freely.
- * Reduction of heat transfer.

Insulated Electric Metallic Tubing EMT RYMCO®

Size (inch)	Outside diameter (mm)	Minimum Wall Thickness (mm)	Length (mm)	Nominal Weight (Kg/pc)	Primary Bundle (Pcs)	Master Bundle (Pcs)
1/2"	17.93	1.02	3,048	1.46	10	500
3/4"	23.42	1.18	3,048	2.21	10	300
1"	29.54	1.37	3,048	3.08	5	200
1 1/4"	38.35	1.57	3,048	4.74	5	125
1 1/2"	44.2	1.57	3,048	5.49	5	100
2"	55.8	1.57	3,048	6.99	3	75
2 1/2"	73.03	1.74	3,048	9.80	-	40
3"	88.9	1.74	3,048	11.99	-	30
3 1/2"	101.6	1.97	3,048	15.80	-	20
4"	114.3	1.99	3,048	17.81	-	20

