

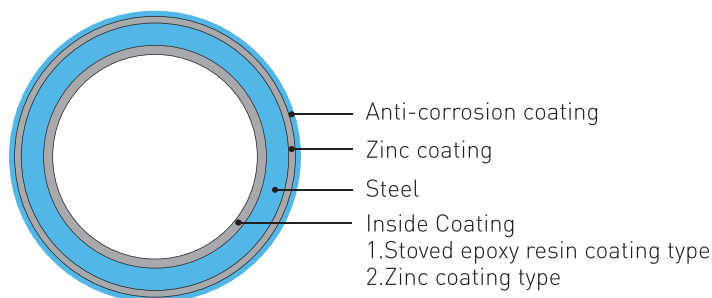
Excellent corrosion resistance and durability.
This helps save on labor for pipe laying work.



WHITE CONDUIT PIPE (UL,BS)

Superior galvanizing by in-line hot-dip process for greater protection against corrosion. Finished with durable and clear anti-corrosion coating for higher protection outside and higher grade epoxy coating inside.

CROSS-SECTIONAL VIEW OF Panasonic WHITE CONDUIT



Underwriters Laboratories Inc.®

Standards

Panasonic WHITE CONDUIT is available in four types conforming to the following standards:

- *UL/ANSI (EMT, IMC and RSC)
- *BS (BS31-1940 and BS4568-1970)
- *JIS (Plain, Thin Wall and Thick Wall)

Features

1. Easy and Accurate Bending

Panasonic WHITE CONDUIT is made of high quality steel and processed by high frequency induction welding to prevent cracking when bend.

2. Easy Wire Pushing and Pulling

The high-grade stoved epoxy resin coating on the inside wall makes wire-pulling easy, and protects conduit against corrosion.

3. Easy Coupling and Fast Installation

Precise, sharp threads cut by automated machinery ensures fast and easy installation. Precise thread also makes our conduit virtually moisture-tight.

4. High Corrosion Resistance

Pure zinc coating on the exterior wall and stoved epoxy resin finish on the inside protects WHITE CONDUIT from corrosion, even by harsh chemicals and sea air.

5. Uniform Quality

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

Flow Chart of Manufacturing Process

1. Uncoiling

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

2. Coil-End Welding

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

3. Temporary Coil-Storing

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

4. Cleaning

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

5. Forming

The flat strip steel is rolled into basic tubing.

6. Welding

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

7. Inside Coating

The inside wall of the conduit is coated with epoxy resin.

8. Cleaning

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

9. In-line Hot-Dip Galvanizing

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

10. Cooling

The heated galvanized tubing is cooled.

11. Sizing

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

12. Anti-Corrosion Coating

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

13. Cutting

Tubing is square-cut to the specified lengths.

14. Chamfering and Threading

Both ends of the cut conduit are chamfered and threaded to precise tolerance.

15. Marking

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

16. Bundling

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

17. 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.

