



**Cupra** was established in the early 1990's. The company commenced operations as a small unit manufacturing lightning protection components complying to British Standards in England. Thereafter, the Company was acquired in 2001 by LCC Group, and the group was renamed as Cupra International.

The brand Cupra has gained acceptance across several continents, with specifiers increasingly confident of the capability of Cupra to deliver tailor made solutions and the highest level of service in the industry. At Cupra customer service is a way of life. Products are developed taking into account the customer requirements.

### PIPER GI CONDUITS

The Piper GI Conduits and its related fittings are manufactured to the requirements of BS EN 50086 and ANSI Standards.

The straight lengths are available in pre-galvanised, hot dipped galvanised and black enamelled versions and in threaded and non threaded versions to fit different threading standards.

The PIPER range features malleable boxes that are hot dip galvanised, and threaded thereafter. The PIPER Range of Conduits are unique as they feature Expansion Coupler as a standard product offering in three versions, as a plain sleeve, threaded version and an expansion coupling unit for special applications. All Class 4 pipes are embossed to ensure that the products supplied are genuine. The Class 3 and ANSI compliant range are paint marked.

Hot Dip Galvanising is carried out to the stringent requirements of BS EN ISO 1461, while pregalvanised Class 3 Conduits are manufactured from sheet steel coated to 275 grams per square metre. The welding is done to high tolerance to ensure that there are smooth ends within the conduit containment, which in turn ensure that wires can be pulled within the containment without damage.

For ANSI Markets, the Piper Range of Conduits from Cupra feature a comprehensive range of conduits and fittings. These comply to the stringent requirements laid down by ANSI.

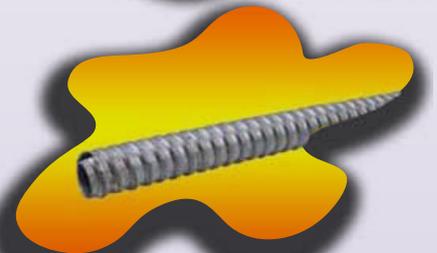
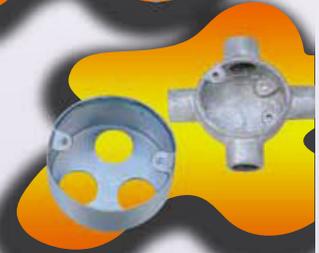
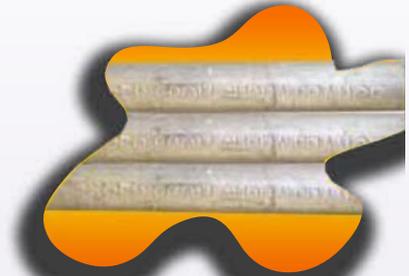
Piper Conduits and fittings have been used in various prestigious projects across UAE and the Middle East and are now specified as approved products by most consultants and clients.

### PIPER GI FLEXIBLE CONDUITS AND FITTINGS

The Piper GI Flexible Conduits and Fittings feature a durable clutch Interlock, that's strong and demonstrates exceptional performance under stress conditions.

The metal used in the flexible conduits is manufactured from sheet steel that is at least 0.5mm thick, while the PVC over sheath is at least 0.8mm thick. The sheet steel used is pre-galvanized to ensure high grade performance. The thickness of the metal is optimized to ensure superior strength to flexibility ratio.

All flexible conduit cartons are marked on the spool to ensure genuine product conforming to exacting standards for high performance.





The adaptors and other related accessories are manufactured from brass and nickel plated to a good finish. Additionally, the accessories are embossed Cupra to ensure genuine product. Higher IP Rated product is available on request upto IP66. The metal clutch is inter-twined with nylon or other waterproof materials to ensure better IP Rating and provide a rigid connection in conditions of stress.

### FLOOR DISTRIBUTION SYSTEMS

The Flurplan Floor Distribution Systems from Cupra are manufactured to various standards. The floor boxes are available in four versions, Tetrus, Alutrim, Deep, Rotun and Pop versions that are adapted to different applications.

The Tetrus design is manufactured from ABS and can be relocated in all four directions without the need for a screw driver or a technician. The 6mm overlap covers unsightly edges. The box features pillars at the four corners to support the floor boxes.

Alutrim design provides the same functionality as the Tetrus Design, whilst presenting the box with an Aluminum Frame and GI Trap construction.

Deep boxes are used in areas where special finishes are to be used, such as granite, stone, marble, parquet flooring and tiles.

Flurplan solutions from Cupra are available for Inscreed, Flushfloor and Raised Floor Systems. In addition to the standard products, custom made solutions for special applications, and design/onsite assistance can be provided to customers to enable them.

### EARTHING & LIGHTNING PROTECTION SYSTEMS

The Senti Earthing & Lightning Protection Systems from Cupra conform to the latest Standards. Earth Rods are manufactured to exacting standards and are available in 4 versions – Copper Bonded (250 microns). Stainless Steel (SS 304 and 316), Pure Copper and the latest version being the Cupro-Nickel Alloy (90-10). The Cupro Nickel Alloy earth rod is capable of withstanding over 50 years exposure in corrosive soil conditions.

In addition, the Senti range features Active and Passive Lightning Protection Solutions. These Solutions conform to the requirements dictated by Unified European Standard, BSEN 62305.

Soil improvement Additives from Senti provide far superior performance parameters than Bentonite, GroundImprover helps in reducing soil resistance and in improving ground performance in hostile conditions.

The Cupro Nickel Earth rods are presented in 90:10 version, with 10% nickel in alloy form with 90% copper. This provides lasting protection against corrosion, while at the same time ensuring that the conductivity of copper is not compromised.

In addition to this, Curpa can provide tailor made solutions depending on the requirements dictated by projects. Design support is also available for project specific applications, complete with certification.

