

B-Line®

SYSTEMS THAT MAKE SENSE



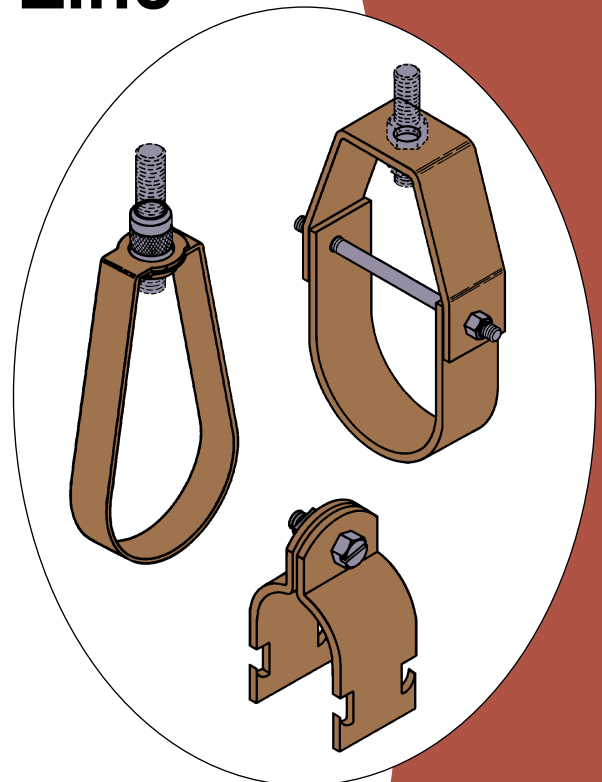
Pipe Hangers

A D V A N T A G E

Dura-Copper® Hangers and Pipe Straps with Zinc Plated Hardware

Features

- Out performs copper plating by 10 to 1
- No galvanic reaction
- No dissimilar metal contact
- Superior corrosion protection.
- Hardware does not come in contact with tubing



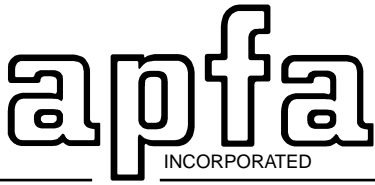
Why Zinc Plated Hardware?

It may look different but don't let looks deceive. B-Line's Dura-Copper® Hangers and Pipe Straps combined with zinc plated hardware provide superior performance. In fact, Dura-Copper® with zinc plated hardware out perform copper plating by a 10 to 1 ratio in laboratory salt spray tests.

For years there has been the misconception that copper plated hangers were installed with copper tubing to prevent dissimilar metal contact. In actuality, copper plating was only for identification purposes. (See APFA Position Statement reverse side). Dura-Copper® Hangers and Straps serve this function and more. And since the zinc hardware does not come in to contact with the tubing, no galvanic reaction occurs.

COOPER B-Line

BA22M



SERVING THE AMERICAN PIPE FITTINGS MANUFACTURERS

MISCONCEPTIONS ABOUT COPPER PLATED HANGERS

POSITION STATEMENT

Over the years the plumbing industry has recognized, specified and installed copper plated hangers as the finish of choice when supporting copper tubing. This practice has been adhered to, possibly due to the misconception that since copper plating used on these parts is a similar metal to copper tubing, it will prevent galvanic corrosion. However, the copper plating which is typically applied to hangers is only a superficial finish over plain steel or malleable iron that begins to deteriorate within 24 hours in a salt fog test (ASTM B117-73).

For years the Manufacturer's Standardization Society (MSS) has noted that for identification purposes only, steel or malleable iron hangers sized for copper tubing may be copper plated. The "Pipe Hangers & Supports" product group of APFA recommends that your pipe hanger manufacturer/ supplier be consulted for suitable methods addressing galvanic corrosion protection. Please circulate this information to all associated industry personnel.

For additional information, please call or write:

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