

# C-TEK® Plastic Pipe Supports

## Corrosion-resistant saddles for metal piping systems

A water treatment facility needed a corrosion-resistant solution for supporting chemical feed lines throughout their plant. Their existing metal pipe supports were corroding rapidly due to continuous exposure to caustic chemicals and high humidity, leading to frequent replacements and potential safety hazards.

### Curbell Plastics Solution:

Curbell supplied C-TEK® Pipe Supports custom extruded, then cut and drilled to customer specifications.

These custom plastic pipe saddles are designed to separate the metal pipe from the metal support structure, helping to prevent corrosion caused by metal-on-metal contact.

Their half-round shape minimizes water accumulation beneath the pipe, while the reduced contact area helps limit wear from pipe movement. Additionally, the plastic material provides both thermal and electrical isolation, offering further protection in demanding environments.

This offered the customer a number of benefits compared with traditional pipe supports fabricated from plastic rod.

### Benefits Include:

- Safer manufacturing since no sawing is required
- Higher quality surface finish for improved aesthetics
- No issues with warping during fabrication
- Cost savings since the pipe supports don't require additional fabrication

### Material Characteristics

- Half round extruded rod in 1", 1.25", and 1.5" diameters
- Natural UV stabilized copolymer acetal is standard
- Custom colors are available
- Ultem® and PEEK are available as custom orders for higher temperature applications



C-TEK® Plastic Pipe Support with drainage holes are typically mounted on a metal I-beam to prevent corrosion and support chemical piping.

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