

# CPVC Plastic Piping Systems

## Why CPVC Plastic Piping Systems are “Green”

### **Corrosion Resistant:**

CPVC plastic piping materials are resistant to a wide range of chemicals and are non-reactive with the environment into which they are installed. The piping systems are maintenance free and therefore prevent the leaking or release of materials that they carry into the environment.

### **Lightweight:**

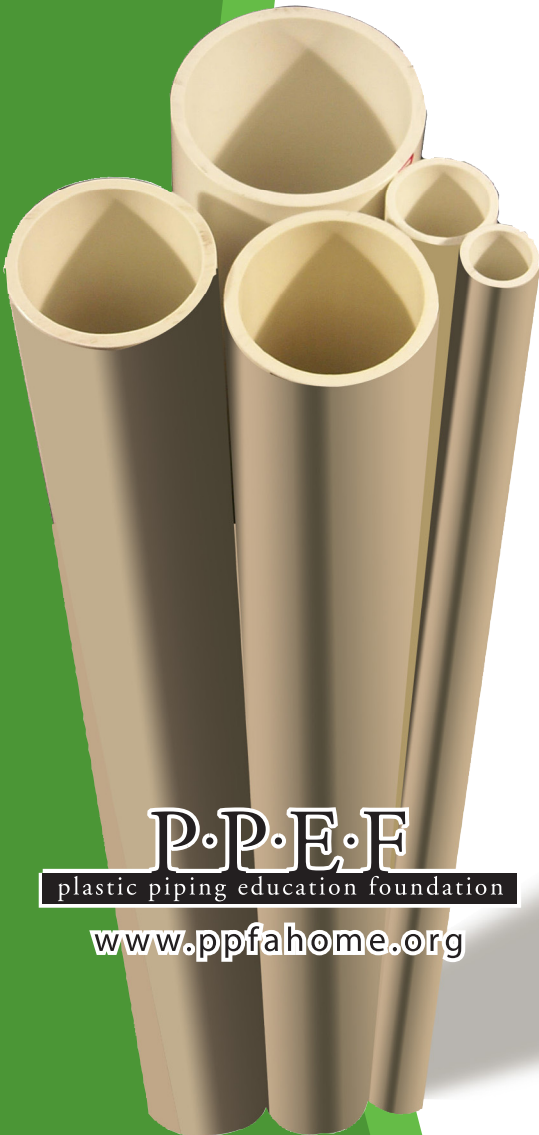
Most plastics are a minimum of 1/8th the weight of metal piping. This results in lower energy for freight, easier installations, and reduced need for lifting and installation equipment.

### **Efficient Delivery:**

The interior surface of CPVC piping is significantly smoother than commonly used metal pipes. This means that less energy or horsepower is required to transport media through it and often smaller diameters can be used, generating monetary and environmental savings.

### **Recyclable:**

CPVC is a Thermoplastic. Thermoplastics are recyclable in the manufacturing process as well as the after-market of finished products. In initial studies, the cumulative energy requirements to manufacture, install and transport plastic piping systems are estimated to be substantially less than most non-plastic piping systems. This coupled with the fact that CPVC lasts for decades, makes CPVC an ideal choice.



P.P.E.F.

plastic piping education foundation

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