



**SAFE, DURABLE AND ECONOMICAL**

**Charlotte Pipe and Foundry's ChemDrain® with Corzan® CPVC Chemical Waste**

**Drain System** offers a safe, durable and economical alternative for the disposal of acids, bases, salts and a wide range of organic media in institutional, academic and commercial laboratories.

For more than 55 years, CPVC (chlorinated polyvinyl chloride) has been used in a variety of chemical-processing applications. Charlotte Pipe's ChemDrain CPVC pipe and fittings are manufactured with Corzan® CPVC compound and are specifically engineered for chemical waste drainage that will deliver years of reliable, problem-free service. Corzan CPVC is the only CPVC material delivering market leading quality, reliability and performance for the most demanding applications.





## **BENEFITS OF CHARLOTTE PIPE AND FOUNDRY'S CHEMDRAIN® CPVC CHEMICAL WASTE DRAIN SYSTEM INCLUDE:**

### **COST EFFECTIVE**

CPVC is the most suitable solution on the market. For example, glass and high-silicon cast iron can be cumbersome, fragile and expensive to install. Polypropylene (PP) and polyvinylidene fluoride (PVDF) installation can be complicated, time consuming and inconsistent. In contrast, CPVC is easy to install, reliable, durable and virtually maintenance-free, lowering your total cost of ownership over the life of the system.

### **EASY INSTALLATION**

ChemDrain CPVC pipe is lightweight and requires no special tools for cutting. Each piece is manufactured by Charlotte Pipe® to exacting standards. In addition, CPVC's smooth, seamless walls allow for quick and easy installation. CPVC is joined by solvent cement—providing consistently reliable connections proven by more than 55 years of service in the chemical processing industry. The solvent cement chemically fuses the pipe and the fitting. The result: a permanent weld that is leak-free and durable.

### **MAINTENANCE FREE**

Once a CPVC system is properly designed and installed, it is virtually maintenance-free. It will not rust, pit, scale, corrode or promote interior buildup, providing years of trouble-free service in chemical waste drainage applications.

### **CHEMICAL RESISTANCE**

One of the key advantages of Charlotte Pipe's ChemDrain with Corzan® CPVC System is its high resistance to a broad range of acids and caustic chemicals when properly diluted by flushing with water. CPVC is inert to most acids, bases, salts and organic media (such as aliphatic hydrocarbons) within certain temperature limitations. CPVC compares favorably to other non-metallic piping materials and has excellent resistance to many corrosive chemicals, making it an ideal material for use in laboratory disposal systems. In addition, Charlotte Pipe® ChemDrain CPVC Solvent Cement has been specially formulated for chemical resistance to caustics including hypochlorites, mineral acids and other corrosive chemicals. Please refer to Charlotte Pipe's ChemDrain Technical Manual for a list of chemical resistance data.





## A RELIABLE PRODUCT FROM A RELIABLE COMPANY.

With Charlotte Pipe and Foundry's ChemDrain® CPVC System, you can expect years of trouble-free service for chemical waste drainage applications, from a company you can trust. For more than 121 years, Charlotte Pipe and Foundry has been a leader in producing pipe and fitting systems for drain, waste and vent and industrial applications. When it comes to piping systems, trust the company that contractors trust most for excellent products, service and support.

Trust Charlotte Pipe and Foundry.

For more information, visit [charlottepipe.com/chemdrain.aspx](http://charlottepipe.com/chemdrain.aspx).

You can't beat the system.®

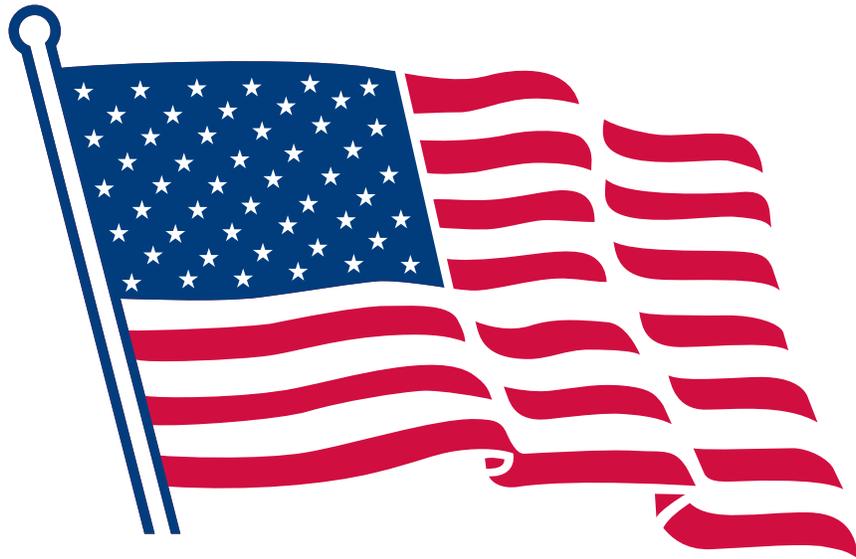
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All products manufactured by  
Charlotte Pipe and Foundry Company  
are proudly made in the U.S.A.

