

est. 1947

DUFFco.

When you need it now... or don't know how

CHEMICAL PIPING SYSTEMS

Orion's corrosion-resistant chemical piping systems have been proven in thousands of educational, medical, industrial, and research installations across North America and around the world. This full range of products features high-quality corrosive waste drainage and pure water piping products.

Chemical Waste Fittings



Chemical waste fittings are designed for dependable chemical resistance, ease of installation, joint strength, and leak-free drainage systems in the laboratory and underground. Includes fittings for acid waste handling and very aggressive chemicals that need tamper-proofing.

Floor Drains & Cleanouts



Designed for dependable chemical resistance, leak-free drainage, and convenient access for maintaining maximum flow. Includes corrosion resistant floor drains and cleanouts for finished floors that are suitable for acid waste handling.

Chemical Waste Piping



This line of chemical waste piping provides thermoplastic corrosive waste conveyance options for use in the laboratory, return air plenums, and underground—in schedule 40 and schedule 80 wall thicknesses. Orion piping is designed to safely maintain flow while adding value and longevity to your chemical drainage projects.

Neutralization Tanks



Neutralization tanks are used to alter the pH level of corrosive waste drainage—by dilution or chemical neutralization—so the treated effluent can be safely discharged into sanitary sewer systems in compliance with local regulations. A range of smaller point-of-use or larger centralized tanks are available.

ORION[®]

A **WATTS** Brand

CALL 610-275-4453

DUFFCO.COM

INFO@DUFFCO.COM

System Monitoring

Neutralization system monitoring helps ensure proper neutralization and dilution to minimize corrosion and environmental impacts of liquid discharges and help achieve compliance with local regulations. Our neutralization system monitoring equipment enables continuous pH measuring and data recording, high tank liquid level detection, and leak detection. Monitoring equipment is compatible with your BAS.



High Purity Fittings



Fittings for high purity piping are used in applications where contaminants of any kind cannot be tolerated. Our complete line of fittings are available in two virgin thermoplastic types (PP and PVDF) for high and ultra high purity applications. All Orion high purity piping products are assembled using thermal socket fusion to ensure a hermetically sealed system.

High Purity Piping



High purity piping is used in applications where contaminants of any kind cannot be tolerated. Our piping is available in two virgin thermoplastic types (PP and PVDF) for high and ultra high purity applications. All Orion high purity piping products are assembled using thermal socket fusion to ensure a hermetically sealed system.

High Purity Faucets



Laboratory faucets are available in two virgin thermoplastic materials (PP and PVDF) for high and ultra high applications. We have a complete line of countertop and wall mounted laboratory faucets. Models with integral vacuum breakers and recirculating operation are also available.

ORION[®]**A WATTS Brand**

Chemical Waste Drainage Systems



These piping systems convey corrosive waste drainage harmful to sanitary waste piping materials. They often terminate at chemical neutralization tanks that alter the corrosive waste water pH to a safe level before it continues to the public sanitary drainage system.

No-Hub Fittings for Acid Waste Drainage Piping



No-Hub coupling greatly simplifies installation by eliminating the need for expensive tools such as torque wrenches, power packs and special tightening tools. One easy-to-use, inexpensive pipe grooving tool and standard tool box hand tools are all that are needed to produce tight, leak-free joints every time. Thus, significant savings can be realized by specifying and installing Orion Polypropylene or PVDF drainage systems assembled with a mechanical joining system.

Rionfuse CF Polypropylene for Acid Waste Piping



Electrofusion pipe joining system for acid waste piping requires no clamps, uses the same grooved-end fittings as No-Hub couplings, and reduces labor costs by permitting the fusion of both sides of coupling at the same time.

ORION[®]**A WATTS Brand**