



ChemDrain[®] Chemical Waste Drainage System **Suggested Short Form Specification**

Special drainage systems for corrosive or acid waste shall be manufactured from CPVC Type IV, Grade I compounds, ASTM Cell Classification 23447. All pipe shall be Schedule 40 dimensions per of ASTM F 441. All fittings shall be drainage pattern per ASTM D 3311. One-Step Solvent Cement shall be specially formulated for chemical waste applications and conform to ASTM F 493. All pipe, fittings and cement shall be supplied as a system by a single manufacturer and shall be certified by NSF International for use in chemical waste drain systems as a Special Engineered (SE) product and bear the NSF mark. Special Drain system to be the ChemDrain[®] system as manufactured by Charlotte Pipe and Foundry Co. Installation to be in accordance with manufacturer's instructions and all applicable local code requirements. Buried pipe shall be installed in accordance with ASTM D 2321 and ASTM F 1668. The system is intended for use in non-pressure chemical waste applications with a maximum working temperature of 210° F.

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