



CHEMICAL DRAINAGE SYSTEMS SPECIFICATION SUBMITTAL DATA SHEET

For Zurn Polyvinylidene Fluoride (PVDF) Pipe and Fittings

Pipe: Fire Retardant

Pipe shall be manufactured to Schedule ____ (40) pipe dimensions and tolerances per ASTM F1673. Pipe to be supplied in 10-foot lengths and manufactured with a chemically resistant PVDF material conforming to ASTM D3222. The PVDF material shall meet UL-723/ASTM E84 requirements for flame spread rating less than 25 and smoke developed less than 50.

Fittings: Fire Retardant

Pipe and fittings are joined by either heat fusion or by using mechanical joints. Zurn patented fittings accept either joining method.

1. **Mechanical:** Pipe and fittings shall be joined by the use of a Zurn mechanical seal that has a chemical resistance similar to the pipe and fittings. The mechanical joint system shall incorporate a positive mechanical system (groove) or a stainless steel grab ring, STAB-LOCK™, for axial restraint.
2. **Electrofusion:** Pipe and fittings shall be joined by the use of the Zurn Fusion Lock™ joining machine. Each fitting socket shall have a molded Fusion Lock™ heavy gauge resistance wire seal that can be rotated in the socket to desired position.

Job _____

Location _____

Architect _____

Engineer _____

Contractor _____

Representative _____

Received and/or Approved By _____

Note: ASTM F1673 is the Standard Specification for Polyvinylidene Fluoride (PVDF) Chemical Waste Drainage Systems.