



CHEMICAL DRAINAGE SYSTEMS

SPECIFICATION SUBMITTAL DATA SHEET

For Zurn Polypropylene (PP) Pipe and Fittings

Pipe: Fire Retardant

Pipe shall be manufactured to Schedule ____ (40 or 80) polypropylene pipe dimensions and tolerances per ASTM F1412. Pipe to be supplied in 10-foot lengths and manufactured with a chemically resistant and fire retardant polypropylene material conforming to ASTM D4101.

Pipe: Non-Flame Retardant

Pipe shall be manufactured to Schedule ____ (40 or 80) polypropylene pipe dimensions and tolerances per ASTM F1412. Pipe to be supplied in ____ (10 or 20) foot lengths and manufactured with a chemically resistant polypropylene material conforming to ASTM D4101.

Fittings: Fire Retardant

Fittings shall be manufactured to Schedule 40 polypropylene pipe dimensions of a chemically resistant and fire retardant polypropylene material conforming to ASTM D4101. Fittings to conform to applicable tolerances in ASTM F1412.

Joints

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 equal 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 D2146 was discontinued in 1986 and was replaced by ASTM D4101.