

**Polyvinylidene Fluoride (PVDF) Schedule 40**

**Pipe:** \_\_\_\_\_

PVDF Schedule 40

Orion's Super Blue acid waste pipe will be manufactured to the dimensions and tolerances of ASTM F1673 from PVDF material in 10' lengths. Pipe will be cylindrical and straight. Pipe will be factory grooved. The PVDF material will conform to ASTM D3222.

Fittings:

Orion's Super Blue fittings will be manufactured to Schedule 40 dimensions per ASTM F1673 and will be manufactured from PVDF material conforming to ASTM D3222. Fitting layout will conform to ASTM D3311 and F1673.

**Joining Methods:** \_\_\_\_\_

No-Hub/Plain End

Pipe and fittings will be joined using Orion's mechanical coupling. Each coupling will have an outer band of 300 series stainless steel with 5/16" bolts, nuts, and washers plated to meet a 100 hour salt spray test per ASTM B117. The No-Hub/Plain End will conform to ASTM F1673.

Socket Fusion

All fittings are to be socket end. All joints are to be made with Orion's heat fusion tool to produce a hermetically sealed joint. Joints and joining procedures will conform to ASTM 2657, Technique I.

Rionfuse Electrofusion

All Orion Rionfuse fittings to be socket end with stainless steel wire coil inserts. The Rionfuse machine will be used to produce a hermetically sealed joint. The joints will conform to ASTM 1290, Technique I.



JobName: \_\_\_\_\_

Engineer: \_\_\_\_\_

JobLocation: \_\_\_\_\_

Contractor: \_\_\_\_\_

Representative: \_\_\_\_\_

**Polyvinylidene Fluoride (PVDF) Schedule 80**

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**Pipe:**

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PVDF Schedule 80

Orion's Super Blue acid waste pipe will be manufactured to the dimensions and tolerances of ASTM F1673 from PVDF material in 10' lengths. Pipe will be cylindrical and straight. Pipe will be factory grooved. The PVDF material will conform to ASTM D3222.

**Fittings**

Orion's Super Blue fittings will be manufactured to Schedule 40 dimensions per ASTM F1673 and will be manufactured from PVDF material conforming to ASTM D3222. Fitting layout will conform to ASTM D3311 and F1673.

**Joining Methods:**

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No-Hub/Plain End

Pipe and fittings will be joined using Orion's mechanical coupling. Each coupling will have an outer band of 300 series stainless steel with 5/16" bolts nuts and washers plated to meet a 100 hour salt spray test per ASTM B117. The No-Hub/Plain End will conform to ASTM F1673.

Socket Fusion

All fittings are to be socket end. All joints are to be made with Orion's heat fusion tool to produce a hermetically sealed joint. Joints and joining procedures will conform to ASTM 2657, Technique I.



JobName: \_\_\_\_\_

JobLocation: \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor: \_\_\_\_\_

Representative: \_\_\_\_\_