



November 18, 2019

Re: Submittal information

To whom it may concern:

This letter certifies that material provided by Specified Fittings conforms to the following:

Schedule 40 PVC pipe:

All PVC Schedule 40 pipe shall be manufactured from a Type I, Grade I Polyvinyl Chloride (PVC) compound with a Cell Classification of 12454 per ASTM D1784. The pipe shall be manufactured in strict compliance to ASTM D1785 and D2665 (where applicable), consistently meeting and/or exceeding the Quality Assurance test requirements of these standards with regard to material, workmanship, burst pressure, flattening, and extrusion quality. This pipe shall carry the National Sanitation Foundation (NSF) seal of approval for potable water applications.

Schedule 80 PVC pipe:

All PVC Schedule 80 pipe shall be manufactured from a Type I, Grade I Polyvinyl Chloride (PVC) compound with a Cell Classification of 12454 per ASTM D1784. The pipe shall be manufactured in strict compliance to ASTM D1785, consistently meeting and/or exceeding the Quality Assurance test requirements of this standard with regard to material, workmanship, burst pressure, flattening, and extrusion quality. This pipe shall carry the National Sanitation Foundation (NSF) seal of approval for potable water applications.

Schedule 40 and Schedule 80 CPVC pipe:

All CPVC Schedule 40 and schedule 80 pipe shall be manufactured from a Type IV, Grade I Chlorinated Polyvinyl Chloride (CPVC) compound with a Cell Classification of 23447 per ASTM D1784. The pipe shall be manufactured in strict compliance to ASTM F441, consistently meeting the Quality Assurance test requirements of this standard with regard to material, workmanship, burst pressure, flattening, and extrusion quality. This pipe shall carry the National Sanitation Foundation (NSF) seal of approval for potable water applications.

CPVC Duct pipe:

All exhaust duct piping, sizes 6" through 24", shall be CPVC seamless extruded type. This duct pipe shall be extruded from Chlorinated Polyvinyl Chloride (CPVC) compound with a Cell Classification of 23447 per ASTM D1784; trade name CPVC. All extruded duct pipe shall carry a maximum temperature rating of 200°F. All extruded CPVC duct pipe shall be marked with the manufacturer's name or identifying symbol, and the CPVC material trademark.

Injection molded Schedule 80 PVC Fittings:

ASTM D-2464 --Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, ASTM D-2467 -- Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80. ASTM D-1784 --Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

Injection molded Schedule 40 PVC Fittings:

ASTM D-2464 --Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 ASTM D-2466 -- Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40. ASTM D-1784 --Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

Injection molded Schedule 80 CPVC Fittings:

ASTM D437 --Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 ASTM D439 – Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80. ASTM D-1784 --Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

Fabricated Schedule 40 PVC Fittings

Fabricated fittings shall be made from Schedule 40 PVC pipe made to ASTM D1785 and a PVC compound meeting requirements of cell class 12454 per ASTM D1784, or a combination of molded and fabricated subcomponents. Solvent weld, threaded or gasket end fittings are option of user. Solvent weld bells shall be compatible with IPS PVC pipe as stated in ASTM D2241. Threaded end connections shall meet the requirements of ASTM D2464. Gasket bells shall conform to ASTM D3139 with gaskets conforming to ASTM F477. All fittings are to be made from NSF-approved material. Gaskets shall be locked-in style.

Fabricated Schedule 80 PVC Fittings

Fabricated fittings shall be made from Schedule 80 PVC pipe made to ASTM D1785 and a PVC compound meeting requirements of cell class 12454 per ASTM D1784, or a combination of molded and fabricated subcomponents. Solvent weld bells shall be compatible with IPS PVC pipe as stated in ASTM D2241. Solvent weld, threaded or gasket-end fittings are option of user. Threaded end connections shall meet the requirements of ASTM D2464. Gasket bells shall conform to ASTM D3139 with gaskets conforming to ASTM F477. All fittings are to be made from NSF-approved material. Gaskets shall be locked-in style.

Fabricated Schedule 40 CPVC Fittings

Fabricated fittings shall be made from Schedule 40 CPVC pipe made to ASTM F441 and a CPVC compound meeting requirements of cell class 23447 per ASTM D1784. Solvent weld bells shall be compatible with IPS CPVC pipe as stated in ASTM F441. All fittings are to be made from NSF-approved material.

Fabricated Schedule 80 CPVC Fittings

Fabricated fittings shall be made from Schedule 80 CPVC pipe made to ASTM F441 and a CPVC compound meeting requirements of cell class 23447 per ASTM D1784. Solvent weld bells shall be compatible with IPS CPVC pipe as stated in ASTM F441. All fittings are to be made from NSF-approved material.

Injection molded SDR 21 Gasketed PVC Fittings for IPS PVC Pipe:

SDR 21 gasketed IPS injection molded fittings are compatible with IPS PVC Pipe made to ASTM D2241, ASTM D1785, and ASTM D2665. Fittings shall be made of PVC compound meeting the requirements of cell class 12454 per ASTM D1784. Gasketed joints shall conform to ASTM D3139. Gaskets shall conform to ASTM F477. Fittings conform to and are NSF 14 and NSF 61 listed.

Fabricated PVC Fittings for IPS Series Pipe:

Fabricated fittings shall be made from PVC pipe made to ASTM D2241 and SDR of user's choice. PVC compound shall meet the requirements of cell class 12454 per ASTM D1784. Solvent weld bell or gasket-end fittings are option of user. Solvent weld bells shall be compatible with IPS SDR Series pipe. Gasket bells shall conform to ASTM D3139 with gaskets conforming to F477. Gaskets shall be locked-in style. All fittings shall be from NSF-61 materials for use in potable water systems.

Vacuum Service:

All fittings, fabricated and molded can be tested to a minimum of 24" of mercury for a 5 minute duration.

Fiberglass reinforcement:

Fittings using fiberglass reinforcement shall be free of visible chips, cracks, foreign inclusions, air bubbles, lack of fill-out, delamination and sharp obtrusive surfaces as defined in ASTM D 2563.

Flange Adapters:

Flange adapters from 2" through 12" shall be equipped with a PVC backing ring, made from PVC compound.

Flange adapters in diameters 14" and greater shall be equipped with an epoxy coated ductile iron backing ring rings per ASTM A536.

Other flange ring materials and coatings available.

Please contact me if you have any questions.

Thank you,

Brad Sukolsky
Specified Fittings