



CSI: Division: 22 00 00—PLUMBING
Section: 22 11 16—Domestic Water Piping
Section: 22 11 00—Facility Water Distribution

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Products: PVC Piping or CPVC Tubing for Potable Water Applications

Listee: Genova Pipe
1760 W. Associated Ave.
Salt Lake City, UT 84104
www.genovapipe.com

Additional Listee:

PSP
1760 W. Associated Ave.
Salt Lake City, UT 84104

Compliance with the following codes:

2024, 2021, 2018, 2015, and 2012 *International Plumbing Code*® (IPC)
2024, 2021, 2018, 2015, and 2012 *International Residential Code*® (IRC)
2024, 2021, 2018, 2015, and 2012 *Uniform Plumbing Code* (UPC)*
2202 and 2017 *Uniform Illustrated Plumbing Code – India*™ (UIPC)*
2024, 2021, 2018, 2015, and 2012 *National Standard Plumbing Code* (NSPC)**
2022, 2019 and 2016 *California Plumbing Code* (CPC)*
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*
2023, 2021 and 2017 *Code of Massachusetts Regulations 248 CMR 10.00: Uniform State Plumbing Code*

*Copyrighted publication of the International Association of Plumbing and Mechanical Officials

**National Standard Plumbing Code is copyrighted publication of Plumbing-Heating-Cooling Contractors Association

Compliance with the following standards:

ASTM D1785-2021a, Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120
ASTM D2241-2024, Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)

ASTM D2466-2024, Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
 ASTM D2672-2020e1, Standard Specification for Joints for IPS PVC Pipe Using Solvent Cement
 ASTM D2846-2024, Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems
 CSA B137.6-2020, Chlorinated polyvinylchloride (CPVC) pipe, tubing, and fittings for hot- and cold-water distribution systems
 ASTM F480-14(2022) Standard Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80
 NSF/ANSI 14-2023, Plastics Piping System Components and Related Materials
 NSF/ANSI/CAN 61-2023, Drinking Water System Components – Health Effects

Identification:

Piping or Tubing: The piping or tubing shall be marked every 5 feet (1.5 m) with the following:

- a) Nominal pipe size.
- b) Manufacturer's name or trademark.
- c) Date or date code of manufacture.
- d) Pipe material designation code
- e) Intended service "potable" or "PW".
- f) Schedule or SDR and pressure rating at water temperature.
- g) Standard designation.
- h) ICC-ES PMG mark of conformity.

Fittings: The fittings shall be marked with the following:

- a) Manufacturer's name or trademark.
- b) Size.
- c) Material designation.
- d) Intended service "potable" or "PW"
- e) Standard designation.
- f) ICC-ES PMG mark of conformity (optional due to size limitation).

Installation:

Piping or tubing must be installed in accordance with the manufacturer's published installation instructions, the applicable codes and this listing. Where differences exist, the instructions in this listing must govern.

Water Service: Buried piping must be installed in such a manner that external loads do not decrease the vertical dimension of the cross section by more than 5 percent. Piping must be installed to provide an allowance for contraction of the line due to temperature change prior to backfilling. In areas with poor soil conditions (plastic clays), the trench bottom must be prepared using granular material to provide a stable base. Potable water service piping must not be located in, under or above cesspools, septic tanks, septic tank drainage fields or pits.

Water Distribution and Water Service Piping: Installed piping must be pressure-tested and inspected as required by IPC Section 606.6, IRC Section R2503.6 or UPC Section 103.5.

Horizontally laid pipe must be secured in such a way that temperature-induced expansion and contraction are accommodated.

Models:

GENOVA PVC Piping for Cold Water Application – Compliance with ASTM D1785

Schedule 40

1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6", 8", 10", and 12" DIA.

Schedule 40 Reclaimed Water

1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6", and 8" DIA.

Schedule 80

1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6", 8", 10", and 12" DIA.

GENOVA PVC Piping for Cold Water Application – Compliance with ASTM D2241SDR 13.5

1/2" DIA.

SDR 21

3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", and 6" DIA.

SDR 26

1-1/4", 1-1/2", 2", 2-1/2", 3", 4" and 6" DIA.

GENOVA PVC Piping for Well Casing Applications – Compliance with ASTM F480Schedule 40

2", 3", 4", and 6" DIA.

GENOVA PVC Piping for Cold Water Application – Compliance with ASTM D2672Schedule 40

1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", and 6" DIA.

Schedule 40 Reclaimed Water

1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", and 6" DIA.

**GENOVA or GENOVA FLOWGUARD GOLD or UNCOPPER or UNCOPPER PRO CPVC 4120
Tubing for Hot- and Cold-Water Application – Compliance with ASTM D2846, CSA B137.6, and
NSF/ANSI 372**SDR 11

3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2" SDR 11

**GENOVA PVC Schedule 40 Fittings for Cold-Water Application – Compliance with ASTM
D2466**45° Elbow

306xx

90° Elbow

307xx, 328xx, 337xx, 339xx, 341xx

Adapters

303xx, 304xx

Cap

301xx

Coupling

301xx

Cross

344xx

Plug

318xx

Reducing Bushings

302xx

Tees

314xx

xx indicates size of the fitting.

GENOVA CPVC Schedule 40 Fittings for Hot- and Cold-Water Application – Compliance with ASTM D2846, CSA B137.6, ASTM D2466, ASTM F1970, ASSE 106145° Elbows

1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

45° Street Elbows

1/2", 3/4"

90° Elbows

1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 3/4" X 1/2"

90° Street Elbows

1/2", 3/4"

Bushings

3/4" X 1/2", 1" X 1/2", 1" X 3/4", 1-1/4" X 1/2", 1-1/4" X 3/4", 1-1/4" X 1", 1-1/2" X 1/2", 1-1/2" X 3/4", 1-1/2" X 1", 1-1/2" X 1-1/4", 2" X 1/2", 2" X 3/4", 2" X 1", 2" X 1-1/4", 2" X 1-1/2"

Caps

1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

Couplings

1/2", 3/4", 3/4" X 1/2", 1", 1-1/4", 1-1/2", 2"

Female Threaded Adapters

1/2", 1/2" X 1/8" NPT, 3/4", 1"

Female Wing Elbow

1/2" CPVC X 1/2" FIP

Male Threaded Adapters

1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

Multi-Port Manifold

1" X 1/2" CTS

Reducing Tees

3/4" X 3/4" X 1/2", 3/4" X 1/2" X 1/2", 3/4" X 1/2" X 3/4", 1" X 1" X 1/2", 1" X 1" X 3/4", 1-1/4" X 1-1/4" X 1/2", 1-1/4" X 1-1/4" X 3/4", 1-1/4" X 1-1/4" X 1", 1-1/2" X 1-1/2" X 1/2", 1-1/2" X 1-1/2" X 3/4", 1-1/2" X 1-1/2" X 1", 1-1/2" X 1-1/2" X 1-1/4", 2" X 2" X 1", 2" X 2" X 1-1/4", 2" X 2" X 1-1/2"

Tees

1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

Lavatory Riser Adapter

1/2" CTS x 1/4", 1/2" CTS x 3/8"

Lavatory Riser Adapter Nut

1/4", 3/8"

Swivel Coupling Fixture

1/2"

Swivel Elbow Fixture

1/2"

Swivel Elbow Riser Fixture

1/2"

Riser

1/4" x 12" (530801), 1/4" x 12" (53080), 1/4" x 20" (530821), 1/4" x 20" (53082), 1/4" x 36" (53079),
1/4" x 12" (530841), 1/4" x 12" (53084), 1/4" x 20" (530861), 1/4" x 20" (53086), 1/4" x 36" (530881),
1/4" x 36" (53088), 3/8" x 20" (53586)

Wing Elbow

1/2" CPVC X 1/2" CPVC

Wing Tee

1/2" CPVC

One Piece CPVC/Brass Transition Fitting Wing Elbow – ASTM D2846, NSF/ANSI 372

1/2" (57072Z)

Transition Adapter (Slip X Brass FIP) – ASTM D2846, NSF/ANSI 372

1/2" (57905Z), 3/4" (57907Z)

Transition Adapter (Slip X Brass MIP) – ASTM D2846, NSF/ANSI 372

1/2" (57605Z), 3/4" (57607Z)

Union

1/2" CPVC X 1/2" CPVC (53021), 3/4" CPVC X 3/4" CPVC (53026)

Transition Union (Slip X FIP) – ASTM F1970, NSF/ANSI 372

1/2" (53035Z), 3/4" (53040Z)

Transition Union (Slip X MIP) – ASTM F1970, NSF/ANSI 372

1/2" (53045Z), 3/4" (53050Z)

Drop Ear Elbow (Slip X Brass FIP) – ASTM F1970, NSF/ANSI 372

1/2" (53071Z)

Transition Union (Slip X Brass Compression) – ASTM F1970, NSF/ANSI 372

1/2" (53034Z), 3/4" (53044Z)

Transition Union (Slip X Brass FIP) – ASTM F1970, NSF/ANSI 372

1/2" (53373Z), 3/4" (53375Z)

Transition Union (Slip X Brass MIP) – ASTM F1970, NSF/ANSI 372

1/2" (53374Z), 1/2" X 3/4" (53037Z), 3/4" (53376Z)

Transition Union (Slip X Brass Slip) – ASTM F1970, NSF/ANSI 372

1/2" (53033Z), 3/4" (53043Z)

Universal Fittings90° Elbows

54055, 54705, 54707

Adapters

53010, 53060, 53070, 53075, 53085, 54305M, 54307, 54310, 54405, 54407

Couplings

54103, 54105, 54107, 54153

Reducers

54001, 54003

Reducing Stackable Tee

54675 (3/4" x 3/4" x 1/2")

Reducing Tee

54575 (3/4" x 3/4" x 1/2")

Stackable Tee

54605 (1/2" x 1/2" x 1/2")

Tees

54505, 54507

Conditions of Listing:

1. Pipe and fittings must be installed in accordance with the manufacturer's published installation instructions, the applicable codes and this listing. Where differences exist, the instructions in this listing must govern.
2. Each installation must be pressure-tested for leaks and pipe must be installed in accordance with the manufacturer's published installation instructions, the applicable codes and this listing.
3. Pipe and fittings recognized in this listing are manufactured under a quality control program with surveillance inspections by ICC-ES.