

## LARGE DIAMETER 22½° & 11¼° ELBOWS

LASCO Fittings Inc. is pleased to announce our newest addition to our Large Diameter offering. We now carry 11¼° and 22½° elbows in Schedule 40, Schedule 80 and DWV. These fittings are used in waste water treatment, parking garages, cooling towers and other applications where short bends are needed.



Part No	Size (in)	Description	Ctn Qty	Plt Qty	List Price
461-100	10	11¼° Elbow- SCH 40	1	20	\$391.36
461-120	12	11¼° Elbow- SCH 40	1	15	619.34

465-100	10	22½° Elbow- SCH 40	1	20	\$391.36
465-120	12	22½° Elbow- SCH 40	1	15	619.34

861-100	10	11¼° Elbow- SCH 80	1	20	\$684.83
861-120	12	11¼° Elbow- SCH 80	1	15	\$1002.53

865-100	10	22½° Elbow- SCH 80	1	20	\$684.83
865-120	12	22½° Elbow- SCH 80	1	15	\$1002.53

D324-100	10	1/16 Bend- DWV	1	20	\$424.26
D324-120	12	1/16 Bend- DWV	1	15	\$675.05

D328-100	10	1/32 Bend- DWV	1	20	\$424.26
D328-120	12	1/32 Bend- DWV	1	15	\$675.05

**STANDARDS AND SPECIFICATIONS:**  
 See back.

# Large Diameter 22½° & 11¼° Elbows

Specifications for Fabricated 22½° and 11¼° Large Diameter PVC Pipe Fittings

**Fittings:**

**Schedule 40 and Schedule 80 Pressure Solvent Weld PVC Fittings**

These Schedule 40 and Schedule 80 Pressure PVC (poly Vinyl Chloride) Fittings meet or exceed the following applicable standards, and/or materials used in the manufacturing process meet or exceed the following applicable standards.

**Applicable Specifications:**

- ASTM D 1599 - Test Method for Short-Term Hydraulic Failure Pressure of Plastic Pipe, Tubing and Fittings.
- ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.
- ASTM D 1785 - Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedule 40, 80, 120.
- ASTM D 2241 - Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure Rated Pipe (SDR Series).
- ASTM D 2564 - Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems.
- ASTM D 2855 - Standard Practice for Making Solvent Cement Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings.
- ASTM F 477 - Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe.

**General Specifications:**

A tolerance of  $\pm \frac{1}{2}$ " on dimensions should be allowed in the design of piping systems. Lay lengths shall not exceed  $\pm \frac{1}{2}$ " on fittings up to 12" in diameter and  $\pm 1$ " on fittings 14" in diameter and above.

Elbows, Wyes and all change in direction fittings shall not exceed  $\pm 1^\circ$  variance in the specified angle.

Standard fabricated fittings shall be tested to a minimum of two times the applicable maximum internal pressure ratings in accordance with ASTM D 1599. When temperatures rise above 73° F, the tensile strength of thermoplastics decreases, thereby derating the pipe or fitting Maximum Internal Pressure. When temperatures fall below 73° F, the tensile strength of thermoplastics increases, and the impact strength decreases.

DO NOT use these fittings to transport or store compressed air or gases, or test thermoplastic piping systems with compressed air or gases.

**Fittings:**

**Drain, Waste and Vent (DWV) - Solvent Weld PVC Fittings.**

DWV Solvent Weld PVC (Poly Vinyl Chloride) Fittings meet or exceed the following applicable standards, and/or materials used in the manufacturing process meet or exceed the following applicable standards.

**Applicable Specifications:**

- ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.
- ASTM D 2564 - Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems.
- ASTM D 2665 - Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings.
- ASTM D 2855 - Standard Practice for Making Solvent Cement Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings.
- ASTM D 3311 - Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fitting Patterns.
- ASTM F 477 - Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe.

**General Specifications:**

A tolerance of  $\pm \frac{1}{2}$ " on dimensions should be allowed in the design of piping systems. Lay lengths shall not exceed  $\pm \frac{1}{2}$ " on fittings up to 12" in diameter and  $\pm 1$ " on fittings 14" in diameter and above.

Elbows, Wyes and all change in direction fittings shall not exceed  $\pm 1^\circ$  variance in the specified angle.

DO NOT use these fittings to transport or store compressed air or gases, or test thermoplastic piping systems with compressed air or gases.