

ALL-BEND®



Selectable Angle PVC Elbow

*With the All-Bend®,
any angle is possible!*

Finally, a pipe elbow with a selectable angle. Whether you need a $\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{16}$ bend, or any bend in between, you'll always have the right one for the job.

All-Bend® is an easy-to-use two-piece PVC elbow that can be cut and assembled to virtually any angle. This unique ability provides installers with unmatched flexibility and convenience, while greatly simplifying the fitting of custom joints.

For standard bends, the installer selects, cuts and assembles at the pre-marked angles. For precise custom angles, easy-to-use measuring and marking tools with instructions are included.

The All-Bend® meets ASTM D2665 for DWV fittings and ASTM D2466 for Schedule 40 pressure fittings.

Installers will easily recognize the convenience and time savings available with the All-Bend®.

*"This fitting makes
non-standard angles
quick and easy."*

*"Every Plumber
should keep a few
on hand."*

*"Do-It-Yourselfers
can be certain they
have the right elbow
for the job."*

Specifications

Fittings shall be injection molded from PVC Type I compound, cell classification 12454 in accordance with ASTM D1784.

When cut and assembled in accordance with the manufacturer's instructions, in the range of angles shown, fittings shall meet or exceed the requirements of ASTM D2466 (schedule 40 PVC Fittings) and ASTM D2665 (DWV - Drain, Waste and Vent PVC Fittings).

Range of Angles

Size	ASTM D2466 (Schedule 40)	ASTM D2665 (DWV)
1 1/2"	22 1/2°-90°	11 1/4°-90°
2"	22 1/2°-90°	11 1/4°-90°
3"	22 1/2°-90°	15°-90°
4"	22 1/2°-90°	17°-90°

Using the ALL-BEND® is as Simple as 1-2-3



- Available in 1 1/2", 2", 3", and 4" PVC.
- Meets DWV Standards (ASTM D2665).
- Extra Heavy (125% DWV) Body Wall Thickness.
- Meets SCH 40 Pressure / Potable Water Standards (ASTM D2466).

Cutting

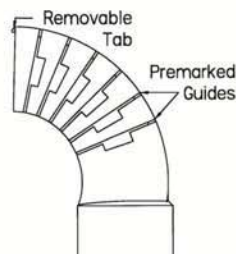
For "True" 90° bend:
No modification necessary.
Assemble elbow and coupling.

For Drainage Bend "DWV 90° (Up to 1/4" per foot):
Cut off removable tab at the end of the All-Bend® elbow. Assemble elbow and coupling. When assembled without the removable tab, a fully seated All-Bend® elbow and coupling will produce a fitting with approximately 1/4" per foot slope from vertical.

For 22 1/2° (1/16 bend), 33 3/4° (1/32 bend), 45° (1/4 bend), 56 1/4° (1/32 bend), 67 1/2° (1/16 bend) and 78 1/4° (1/32 bend):
Cut the All-Bend® elbow along one of the premarked guides, then assemble the elbow and coupling.

For all other bends 22 1/2° to 85°:
Measure angle required and cut the All-Bend® elbow using the measuring templates provided on card inside of box. Assemble the elbow and coupling.

For bends less than 22 1/2° (DWV Only):
Measure angle required and cut the All-Bend® elbow using measuring templates provided on card inside of box. Cut the All-Bend® coupling at "DWV" line. Assemble the elbow and coupling.



Suggested Uses

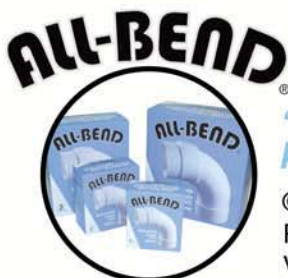
Custom or Standard bends
Custom offsets

- For DWV (Drain, Waste and Vent)
- Odd angle cast iron replacements
 - Use instead of "rolling" multiple elbows
 - Follow roof lines for venting
 - Correct misaligned risers in concrete slabs
 - True 90° for square horizontal bends
 - Heavy duty elbow (25% greater body wall thickness than standard DWV elbows)

- For schedule 40 Pressure and Potable Water
- Water supply lines
 - Sprinkler/Irrigation systems
 - HVAC-High efficiency heating vents

Residential - Commercial - Industrial

Important: Check your local codes for allowable uses.



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