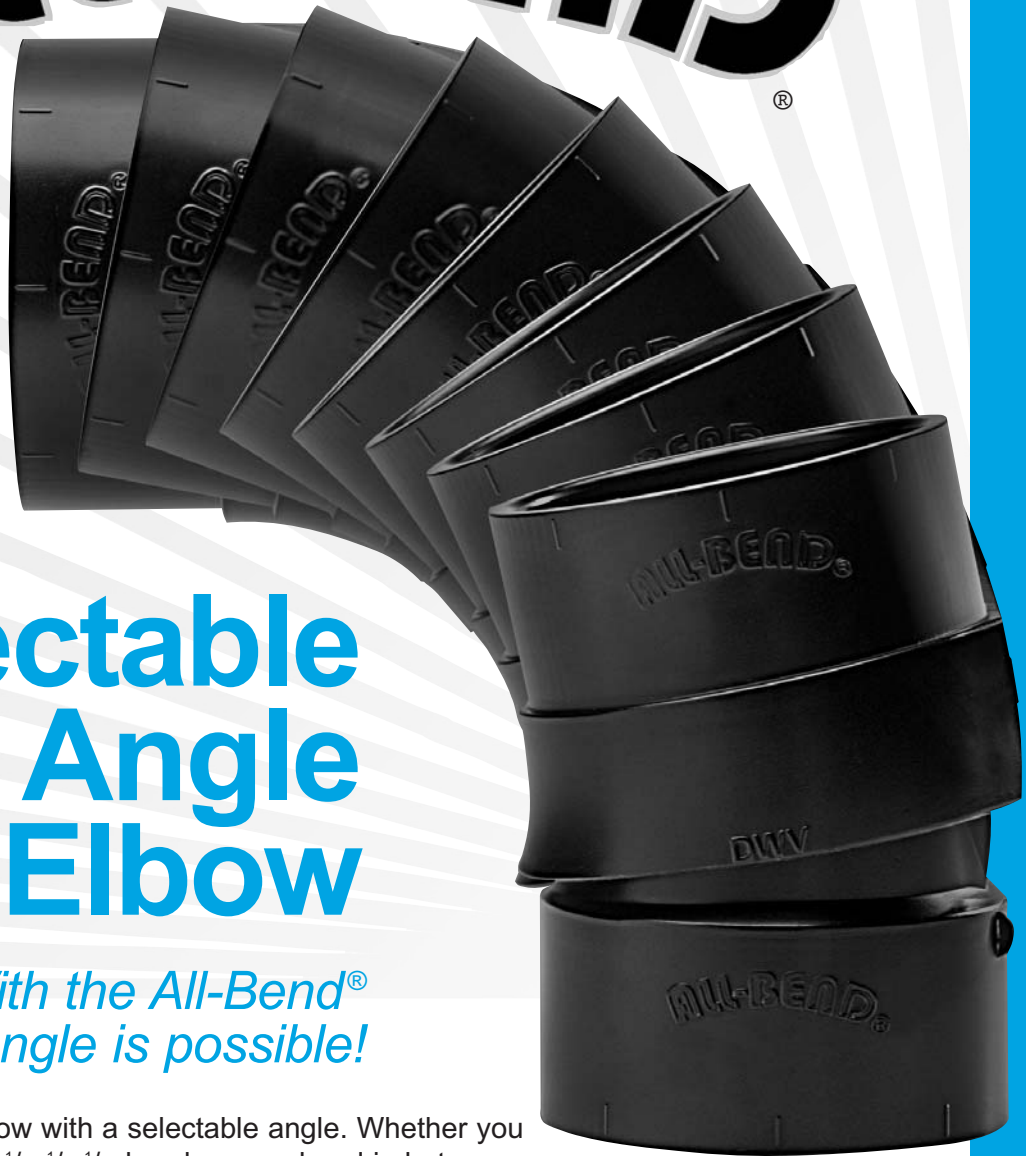


ALL-BEND®



Selectable Angle ABS 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 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 ABS All-Bend® is NSF listed to ASTM D2661 for Drain, Waste and Vent 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."

"Installers can be certain they always have the right elbow for the job."

Specifications

Fittings shall be injection molded from black ABS compound in accordance with ASTM D2661.

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 D2661 (DWV - Drain, Waste and Vent ABS Fittings).

Range of Angles

Size	Angles
1 1/2"	11 1/4°-90°
2"	11 1/4°-90°
3"	15°-90°
4"	17°-90°

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



- Available in 1 1/2", 2", 3", and 4" black ABS. Also available in PVC.
- NSF listed to ASTM D2661.
- Extra Heavy (125% DWV) Body Wall Thickness.

Cutting

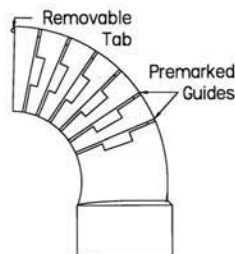
For "True" 90° bend:
No modification necessary.
Assemble elbow and coupling.

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 1/4° (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 bends
 - Heavy duty elbow (25% greater body wall thickness than standard DWV elbows)

Residential - Commercial - Industrial

Do not use with compressed air or gases.

Important: Check your local codes for allowable uses.

ALL-BEND®

"Every plumber should keep a few on hand"

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Visit us on the web at: www.allbend.com