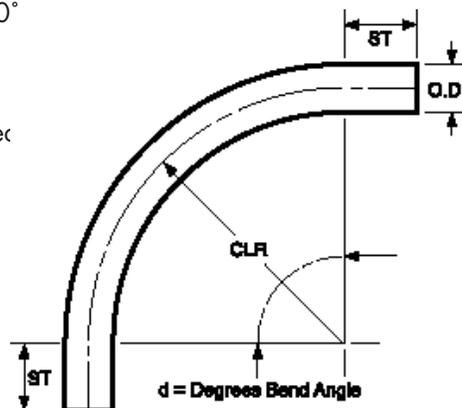


Pipe and Tube Bends



Advanced Bulk and Conveying, Inc. has pipe and tube bends of up to 180° readily available in aluminum, stainless, carbon steel and galvanized in the sizes listed below. Other centerline radii are available but not shown. Special shapes, 'U' bends, offsets, and bifurcated bends available upon request.



For PNEUMATIC SYSTEMS ... Short and Long Radius

TUBE SIZE	PIPE SIZE	OUTSIDE DIA. INCHES	OUTSIDE DIA. MILLIMETERS	COMMON CENTERLINE RADII (CLR) INCHES	STD. TANGENT (ST)
1"		1.0	25.4	2.25, 3, 3.5, 4, 6	4"
	1"	1.315	33.4	1.75, 2, 2.875, 3, 4, 5	4"
1-1/8"		1.125	28.6	3, 5	4"
1-1/4"		1.25	31.8	3, 4, 5, 7.25	4"
	1-1/4"	1.660	42.2	3.5, 4, 6.25	4"
1-1/2"		1.5	38.1	2, 2.5, 3, 4, 5, 6, 7.5, 9, 12, 15, 18, 24, 30, 36, 48	4"
1-3/4"		1.75	44.5	2.5, 8, 9, 12, 15, 18, 24, 30, 36, 48	4"
	1-1/2"	1.9	48.3	5, 6, 7.5, 9, 10, 12, 15, 18, 24, 30, 36, 48	4"
2"		2.0	50.8	5, 6, 8, 8.5, 9, 10, 12, 15, 18, 24, 30, 36, 48	4"
2-1/8"		2.125	54.0	5, 12, 24, 30, 36	4-1/4"
2-1/4"		2.25	57.2	3, 9, 12, 15, 17, 24, 30, 36, 48	4-1/2"
	2"	2.375	60.2	6, 7.5, 9, 10, 12, 15, 17, 24, 30, 36, 48	4"
2-1/2"		2.5	63.5	4, 6, 9, 12, 15, 17, 24, 30, 36, 48	5"
2-3/4"		2.75	69.9	9, 12, 17, 30, 36, 48	5-1/2"
	2-1/2"	2.875	73.0	9, 12, 12.5, 15, 17, 24, 30, 36, 48, 60	5"
3"		3.0	76.2	7.5, 9, 10, 12, 15, 18, 24, 30, 36, 48, 60	6"
3-1/4"		3.25	82.6	15, 17, 30	6-1/2"
3-1/2"	3"	3.5	88.9	6, 8.75, 9, 12, 15, 16, 18, 20, 24, 30, 36, 48	7" (6" - pipe)
3-3/4"		3.75	95.3	17, 24, 32, 36, 48	7-1/2"
4"	3-1/2"	4.0	101.6	6, 10, 12, 16, 18, 20, 24, 30, 32, 36, 48, 60	8" (7" - pipe)
4-1/4"		4.25	107.9	16, 30, 36, 48, 60	8-1/2"
4-1/2"	4"	4.5	114.3	9, 12, 16, 18, 20, 24, 30, 32, 36, 48, 60	9" (8" - pipe)
4-3/4"		4.75	120.7	36, 48, 60, 72	9-1/2"
5"		5.0	127.0	12.5, 17, 22, 24, 30, 36, 42, 48, 60, 72	10"
	5"	5.563	141.3	15, 20, 24, 30, 36, 42, 48, 60, 72	10"
5-1/2"		5.5	139.7	30, 36, 42, 48, 60, 72	11"
6"		6.0	152.4	15, 18, 24, 30, 36, 42, 48, 60, 72	12"
	6"	6.625	168.2	18, 24, 30, 36, 42, 48, 60, 72	12"
8"		8.0	203.2	48, 60, 72	16"
	8"	8.625	219.1	24, 32, 40, 48, 60, 72	16"
	10"	10.75	273.1	40, 50	20"

ORDER BENDS: By O.D., wall thickness, alloy, degree of bend, centerline radius and tangent.

Wall Thickness: 16 ga. (.063), 14 ga. (.083), and 11 ga. (.120) in tubing. Schedules 5, 10 and 40 pipe. Other wall thicknesses on request.

Materials: Aluminum is 6063-T1 extruded. Stainless is T304 ASTN A312 for pipe and T304 ASTM A249 for tubing. Carbon steel ASTM A53 for pipe; A513 for tubing. Galvanized A53 for galvanized-coated pipe and A513 for galvanized-coated tubing.

STOCK TUBE BENDS:

We maintain an extensive inventory of tube bends available for 72-hour shipment. Most popular bend sizes are stocked in carbon steel, aluminum and stainless materials.