

Nominal size of various type of piping / Table of external diameters

(Unit : mm)

Pipe Nominal size		Steel pipes				Conduit pipes		Hard PVC pipes				Polyethylene pipes		Copper pipe				
		Carbon steel(gas pipe)	Carbon steel (for pressure piping)	Stainless steel	Zink-plated steel for city water	Thick steel	Thin steel	Conduit pipe	Water pipe	Standard pipe	Thin -walled pipe	Standard pipe	Gas pipe	For A/C cooling media		For (hot)water supply		Flare screw
														Nominal size	External diameter	Nominal size	External diameter	
		(A)	(B)	SGP	STPG	SUS-TP	SGPW	PF	C	VE	VW	VP	VU	PE	(JRA)		(JRA)	
														(B)		(B)		
6	1/8	10.5	10.5	10.5										1/4	6.35	1/8	6.35	7/16-20
8	1/4	13.8	13.8	13.8										3/8	9.52	1/4	9.52	5/8-18
10	3/8	17.3	17.3	17.3	17.3							17.0		1/2	12.70	3/8	12.70	3/4-16
13									18.0	18.0		21.5		5/8	15.88	1/2	15.88	7/8-14
14								18.0						3/4	19.05 (5/8)		19.05	1 1/16-14
15	1/2	21.7	21.7	21.7	21.7		15.9						22.0	(7/8)	22.22	3/4	22.22	(UNS)
16						21.0		22.0		22.0				1	25.40			
19							19.1							1 1/8	28.58	1	28.58	
20	3/4	27.2	27.2	27.2	27.2				26.0	26.0		27.0	27.0	1/4	31.75			
22						26.5		26.0						(1 3/8)	34.92	1 1/4	34.92	
25	1	34.0	34.0	34.0	34.0		25.4		32.0	32.0		34.0	34.0	1 1/2	38.10			
28						33.3		34.0						1 5/8	41.28	1 1/2	41.28	
30									38.0	38.0		42.0	42.0	1 3/4	44.45			
31							31.8							2	50.80			
32	1 1/4	42.7	42.7	42.7	42.7									2 1/8	53.98	2	53.98	
36						41.9		42.0						2 1/4	57.15			
39							38.1							2 3/8	60.33			
40	1 1/2	48.6	48.6	48.6	48.6				48.0	48.0	48.0	48.0	48.0	2 1/2	63.50			
42						47.8		48.0						(2 5/8)	66.68	2 1/2	66.68	
50	2	60.5	60.5	60.5	60.5				60.0	60.0	60.0	60.0	60.0	2 3/4	69.85			
51							50.8							2 7/8	73.03			
54						59.6		60.0						3	76.20			
63							63.5							(3 1/8)	79.38	3	79.38	
65	2 1/2	76.3	76.3	76.3	76.3				76.0	76.0	76.0			4		4	104.78	
70						75.2		76.0										
75							76.2		89.0	89.0	89.0	89.0	89.0					
80	3	89.1	89.1	89.1	89.1													
82						87.9		89.0										
90	3 1/2	101.6	101.6	101.6	101.6													
92						100.7												
100	4	114.3	114.3	114.3	114.3				114.0	114.0	114.0	114.0	114.0					
104						113.4												
125	5	139.8	139.8	139.8	139.8				140.0	140.0	140.0							
150	6	165.2	165.2	165.2	165.2				165.0	165.0	165.0	165.0	165.0					
175	7	190.7																
200	8	216.3	216.3	216.3	216.3				216.0	216.0	216.0	216.0	216.0					
225	9	241.8																
250	10	267.4	267.4	267.4	267.4				267.0	267.0	267.0							