Pipe Outside Diameter Comparison table

PRESSURE PIPE OUTSIDE DIAMETERS (ODmm)

PIPE MATERIAL	DESCRIPTION	STANDARD	NOMINAL DIAMETER (mm) 15	20	25	32	40	50	63	65	75	80	90	100	125	140	150	175	180	200	225	250	280	300	350	375	400	450	500
UPVC/MPVC	white (S1)	AS/NZS 1477	21.2	26.6	33.4	42.1	48.1	60.2	-	75.2	-	88.7	-	114.1	140.2	-	160	200	-	225	250	280	-	315	-	400	450	500	-
UPVC/MPVC	blue (S2)	AS/NZS 1477	-	-	-	-	-	-	-	-	-	-	-	121.9	-	-	177.1	-	-	232	259	286	-	345	-	426	-	507	-
POLYETHYLENE	MDPE	AS/NZS 4130	16	20	25	32	40	50	63	-	75	-	90	110	125	140	160	-	180	200	225	250	280	315	355	-	400	450	500
POLYETHYLENE	enduroflex		16.8	23.1	30.1	36.5	42.5	56.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLYETHYLENE	LDPE	NZS 7601	16.9	24.9	31.2	37.5	43.8	56.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLYETHYLENE	HDPE class 'C'	NZS 7602	16.9	24.9	31.2	37.5	43.8	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUCTILE IRON	DICL (K9/K12)	AS 2280	-	-	-	-	-	-	-	-	-	96	-	122	-	-	177	-	-	232	259	286	-	345	-	426	-	507	560
STEEL WATER	CLMS	NZS 4442	-	-	-	-	-	-	-	-	-	-	-	122	-	-	177	-	-	232	259	286	-	345	-	426	-	508	587
ASBESTOS CEMENT	AC class 'AB'	NZS 3202	-	-	-	-	-	-	-	-	-	95.6	-	122	-	-	177	-	-	232	259	286	-	333	-	413	-	492	-
ASBESTOS CEMENT	AC class 'CD'	NZS 3202	-	-	-	-	-	-	-	-	-	95.6	-	122	-	-	177	-	-	232	259	286	-	345	-	426	-	507	-
CAST IRON	CICL class 'B'	AS 1724	-	-	-	-	-	-	-	-	-	-	-	122	-	-	177	-	-	232	259	286	-	333	-	413	-	492	545
CAST IRON	CICL class 'C'	AS 2544	-	-	-	-	-	-	-	-	-	95.5	-	122	149	-	177	203	-	232	259	286	-	345	-	426	-	507	560
GLASS POLYESTER	GRP	AS 3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	345	-	426	-	507	-
STEEL BLACK	PS/black	NZS 4442	-	-	-	-	-	-	-	-	-	-	-	114	-	-	168	-	-	219	-	273	-	323	355	-	406	457	-
STEEL GALV	GWI	AS 1074	21.2	26.9	33.7	42.4	48.3	60.3	-	76.1	-	89	-	114	139	-	168	-	-	-	-	-	-	-	-	-	-	-	-
COPPER		AS 1432*	12.7	19.05	25.4	31.75	38.1	50.8	-	63.5	-	76.2	-	101.6	127	-	152.4	-	-	203	228	-	-	-	-	-	-	-	-
COPPER	dom.light	NZS 3501	14.73	21.08	27.43	34.19	40.54	53.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COPPER	heavy	NZS 3502	16.5	28.91	29.68	36.0	42.3	55.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PP-R	polyprop	AS/NZS 3500.4.2	16	20	25	32	40	50	63	-	75	-	90	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONCRETE reinforced	class X/Y/Z	NZS 3107 AS/NZS 4058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	293	-	-	363	-	445	-	533	-	-

* max OD

NON PRESSURE PIPE OUTSIDE DIAMETERS (ODmm)

CAST IRON	soil	AS 1631	-	-	-	-	-	-	-	-	-	85.3	-	114	139	-	165	-	-	-	243	-	-	323	-	-	-	-	-
UPVC/MPVC	D/W/V	AS/NZS 1260	-	-	-	36.2	42.8	55.7	-	68.7	-	82.3	-	110	-	-	160	200	-	-	250	-	-	315	-	400	-	-	-
EARTHENWARE	VC	AS 1741	-	-	-	-	-	-	-	-	-	-	-	138	-	-	194	-	-	-	280	-	-	370	-	450	485	535	-
FIBRE/CEMENT	FRC	CLASS X	-	-	-	-	-	-	-	-	-	-	-	124	-	-	179	-	-	-	261	-	-	345	-	426	-	508	-
ASBESTOS/CEMENT	AC class 35	AS 1712	-	-	-	-	-	-	-	-	-	-	-	120	-	-	177	-	-	229	256	283	-	336	-	418	-	496	-
ASBESTOS/CEMENT	AC class 50	AS 1712	-	-	-	-	-	-	-	-	-	-	-	122	-	-	183	-	-	235	262	289	-	344	-	424	-	505	-