

STANDARD OUTSIDE DIAMETER

NOMINAL BORE	IMPERIAL CAST IRON & ASBESTOS CEMENT (TURNED END) BS1211 (1981) (UTI 27" NB) BS78 (1981) BS486 (1966)			STEEL ISO/4200 (1991) BS1387 (1990) BS3600 (1997) & BS3601 (1993) (pipe ends to BS534 1990) API 5L (2000) & BS1600 (2000) UTI 36" NB BS3505 (1998) BS3506 (1989) BS5391 (1976) BS EN 545 (2002), BS EN 598 (1995), BS4772 (1988) DIN 28601, 28602, 28603, 28605 BS5480 (1990) (Typical UK sizes)								PVC-U	ABS	DUCTILE IRON		GRP	METRIC ASBESTOS CEMENT (TURNED END SEE NOTE) BS486 (1990)	
	mm inches	CLASS AB ONLY	CLASS CD ONLY	NON STD	SER 1	SER 2	SER 3	SER 3							CLASS 15	CLASS 20	CLASS 25	
15 0.5				21.3				21.3	21.4	21.4	21.4	21.4	21.4					
20 0.75				26.9	25.0	25.4		26.9	26.8	26.7	26.8	26.8	26.8					
25 1				33.7	32.0	30.0	35.0	33.7	33.6	33.4	33.6	33.6	33.6					
32 1.25				42.4	40.0	44.5		42.4	42.3	42.2	42.3	42.3	42.3					
40 1.5	55.9 2.20	55.9 2.20	57.0 2.25	48.3	57.0	54.0		48.3	48.3	48.3	48.3	48.3	48.3	56				
50 2	69.1 2.72	69.1 2.72		60.3	63.5			60.3	60.4	60.3	60.4	60.4	60.4	66			69	
65 2.5	82.3 3.24	82.3 3.24	82.5 3.25	76.1	70.0	73.0		76.1	76.1	73.0		75.2		82				
80 3	95.5 3.76	95.5 3.76		88.9		82.5		88.9	88.9	88.9	88.9	88.9	88.8	98			96	
90 3.5					101.6				101.6	101.6								
100 4	121.9 4.80	121.9 4.80		114.3	127.0	108.0		114.3	114.3	114.3	114.3	114.3	114.3	118			122	
125 5	149.9 5.90	149.9 5.90		139.7	133.0	141.3	152.4	139.7	141.3	140.2	140.2	140.2		144				
150 6	177.3 6.98	177.3 6.98		168.3		159.0	177.8	165.1	168.3	168.3	168.3	168.3	168.3	170		177	177	
175 7	204.7 8.06	204.7 8.06				193.7			193.7			193.8						
200 8	232.2 9.14	232.2 9.14		219.1					219.1	219.1	219.1	219.1	219.1	222	220	232	232	240
225 9	259.1 10.20	259.1 10.20				244.5			244.5			244.5				259	259	268
250 10	286.0 11.26	286.0 11.26		273.0					273.0	273.1	273.0	273.0	273.0	274	272	286	286	295
300 12	333.8 13.14	345.4 13.60		323.9					323.9	323.9	323.9	323.9	323.9	326	324	334	345	356
350 14	387.0 15.22	399.3 15.72		355.6					355.6	355.6	355.6	355.5		378	376	392	405	419
375 15	413.0 16.26	426.2 16.78																
400 16	439.0 17.30	453.1 17.84		406.4					406.4	406.4	406.4	406.4	406.4	429	427	448	463	478
450 18	492.0 19.38	506.9 19.96		457.0					457.0	457.2	457.2	457.2	457.2	480	478	498	515	532
500 20	545.0 21.46	560.3 22.06		508.0					508.0	508.0	508.0	508.0	508.0	532	530	568	586	605
525 21	572.0 22.50	578.2 23.12																
550 22	598.0 23.54	613.7 24.16				559.0			559.0	559.0		558.8						
600 24	650.0 25.60	667.0 26.26		610.0					610.0	609.6	609.6	609.6	609.6	635	633	654	672	691
650 26	703.0 27.66	720.3 28.36				600.0			660.0	660.4								
675 27	729.0 28.70	746.8 29.40																
700 28	755.0 29.72	773.2 30.44		711.0	762.0				711.0	711.2				736	718	761	780	801
750 30	807.0 31.78	826.0 32.52							762.0	762.0						808	830	852
800 32	860.0 33.84	879.3 34.62		813.0					813.0	812.8				842	820	882	904	915
825 33	886.0 34.88	905.8 35.66																
850 34	912.0 35.92					864.0			864.0	863.6						927	952	977
900 36	964.0 37.96	984.5 38.76		914.0					914.0	914.4				945	924	970	996	1024
1000 40	1068.0 42.06	1090.2 42.92		1016.0					1016.0	1016.0				1048	1027			
1050 42	1121.0 44.12	1143.0 45.00		1067.0	1168.0				1067.0	1066.8								
1100 44	1172.0 46.16			1118.0						1117.6				1152	1144			
1200 48	1277.0 50.26	1300.5 51.20		1219.0					1219.0	1219.2				1255	1228			
1300 52					1321.0					1320.8					1350			
1400 56				1422.0					1422.0	1422.4				1462	1449			
1600 64				1626.0					1626.0	1625.6				1668	1640			
1800 72				1829.0					1829.0	1828.8				1875	1844			
2000 80				2032.0					2032.0	2032.0				2082	2048			

PVC-U & POLYETHYLENE (METRIC)
BS ISO 11922-1 (1997)

METRIC PVC-U & PE HAVE A DESIGNATED NOMINAL BORE WHICH IS USUALLY THE SAME AS THE OUTSIDE DIAMETER. QUOTE PIPE CLASS, RATING OR WALL THICKNESS ON ENQUIRIES.

16	20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000	1200	1400	1600
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NOTE: Asbestos Cement dimensions are "Turned End". Mid Barrel dimensions should be measured and confirmed.