

#### 4.1 PVC-U pressure pipe dimensions

PVC-U pressure pipes are available in both solvent weld joint (SWJ) and rubber ring joint (RRJ). DN15 up to and including DN150 pipes are available in solvent weld joint and DN80 up to and including DN375 pipes are available in rubber ring joint. Typical pipe dimensions are shown in Table 4.1 and Table 4.2.

**Table 4.1 – Series 1 PVC-U (SWJ) pressure pipe dimensions**

Nominal diameter DN	Mean outside diameter	PN4.5		PN6		PN9		PN12(PN15*)		PN18	
		T	ID	T	ID	T	ID	T	ID	T	ID
15	21.4	-	-	-	-	-	-	1.5 *	18.3 *	1.8	17.8
20	26.8	-	-	-	-	-	-	1.5	23.7	2.2	22.4
25	33.6	-	-	-	-	1.5	30.5	1.9	29.8	2.7	28.1
32	42.3	-	-	-	-	1.9	38.5	2.4	37.5	3.4	35.4
40	48.3	-	-	1.5	45.2	2.1	44.1	2.7	42.8	3.9	40.5
50	60.4	-	-	1.8	56.8	2.6	55.2	3.3	53.7	4.9	50.5
65	75.4	1.7	72.0	2.2	71.0	3.2	68.9	4.2	67.0	6.1	63.2
80	88.9	2.0	84.9	2.6	83.7	3.8	81.3	4.9	79.0	7.1	74.6
100	114.3	2.5	109.3	3.2	107.8	4.8	104.6	6.3	101.7	9.1	96.0
125	140.2	3.0	134.1	4.0	132.2	5.9	128.4	7.6	124.9	-	-
150	160.3	3.4	153.4	4.5	151.3	6.7	146.9	8.8	142.7	12.8	134.7

**Table 4.2 – Series 1 PVC-U (RRJ) pressure pipe dimensions**

Nominal diameter DN	Mean outside diameter	PN4.5		PN6		PN9		PN12(PN15*)		PN18	
		T	ID	T	ID	T	ID	T	ID	T	ID
80	88.9	2.0	84.9	2.6	83.7	3.8	81.3	4.9	79.0	7.1	74.6
100	114.3	2.5	109.3	3.2	107.8	4.8	104.6	6.3	101.7	9.1	96.0
125	140.2	3.0	134.1	4.0	132.2	5.9	128.4	7.6	124.9	-	-
150	160.3	3.4	153.4	4.5	151.3	6.7	146.9	8.8	142.7	12.8	134.7
200	225.3	-	-	5.7	213.8	8.4	208.5	11.1	203.1	16.2	192.9
225	250.4	4.8	240.8	6.3	237.7	9.3	231.7	12.3	225.8	18.0	214.4
250	280.4	-	-	7.1	266.2	10.5	259.4	13.7	252.9	20.1	239.9
300	315.5	6.0	303.4	8.0	299.5	11.7	292.0	15.5	284.5	22.6	270.2
375	400.5	7.7	385.1	10.1	380.3	14.9	370.7	19.6	363.3	-	-

Note:

All dimensions are in millimetres.

T = average mean wall thickness

ID = average mean inside diameter

The standard effective length for all pipes is 6m + 50mm, -0mm

Some sizes and classes are subject to minimum order quantities and availability at time of order