

MALAYSIA INDUSTRY STANDARD

PVC-U PIPES

Our **Pressure Plain End Pipes** are manufactured using unplasticised polyvinyl chloride (PVC-U) under strict process control and quality supervision. We utilise approved raw materials and modern manufacturing technologies in **full compliance with international standards**.

These pipes are suitable for potable water conveyance, as they do not impart odour, taste, colour, or release harmful substances that may affect water quality. Each product is rigorously inspected against defined quality parameters to ensure consistent performance, safety, and reliability.

Scope of applications:

- Sanitary stacks and wastewater conveyance
- Above-ground and underground installations
- Residential and commercial drainage systems

Standard MS 628 Part 1: 1999, BS 3505: 1986

Class B, C, D, E and 7

Suitable for pressurized cold water services

Standard MS 762: 2007, BS 3506: 1969

Class 0 and 6

Suitable for high-pressure industrial or agricultural applications

By combining durability, compliance, and cost efficiency, our PVC-U piping solutions deliver dependable performance across both electrical and water supply applications at highly competitive prices.

■ Pipe Features

- Smooth surface enables consistent flow of water
- Low cost as compared to other types of pipes.
- Resistant to external impact & internal pressure
- Highly resistant to corrosion

Class 0

Size		OD		Thickness	
INCH	MM	MIN(mm)	MAX(mm)	MIN(mm)	MAX(mm)
1 1/4	32	42.1	42.4	1.8	2.2
1 1/2	40	48.1	48.4	1.8	2.2
2	50	60.2	60.5	1.8	2.2
2 1/2	63	75.2	75.5	1.8	2.2
3	80	88.7	89.1	1.8	2.2
4	100	114.1	114.5	2.3	2.8
5	125	139.2	140.4	2.6	3.1
6	155	168.0	168.5	3.1	3.7
8	200	218.8	219.4	3.7	4.2

- Standard Length 5.8m ± 5mm

Class B

Size		OD		Thickness	
INCH	MM	MIN(mm)	MAX(mm)	MIN(mm)	MAX(mm)
3	80	88.7	89.1	2.5	2.6
4	100	114.1	114.5	3.4	4.0
6	155	168.0	168.5	4.5	5.2
8	200	218.8	219.4	5.3	6.1
10	250	272.6	273.4	6.6	7.6

- Standard Length 5.8m ± 5mm

Class C

Size		OD		Thickness	
INCH	MM	MIN(mm)	MAX(mm)	MIN(mm)	MAX(mm)
3	80	88.7	89.1	3.0	3.1
4	100	114.1	114.5	4.5	5.2
6	155	168.0	168.5	6.6	7.6
8	200	218.8	219.4	7.8	9.0
10	250	272.6	273.4	9.7	11.2

- Standard Length 5.8m ± 5mm

Class D

Size		OD		Thickness	
INCH	MM	MIN(mm)	MAX(mm)	MIN(mm)	MAX(mm)
1/2	15	21.2	21.5	1.4	1.7
3/4	20	26.6	26.9	1.5	1.8
1	25	33.4	33.7	1.9	2.2
1 1/4	32	42.1	42.4	2.2	2.7
1 1/2	40	48.1	48.4	2.5	3.0
2	50	60.2	60.5	3.1	3.7
3	80	88.7	89.1	4.6	5.3
4	100	114.1	114.5	6.0	6.9
6	155	168.0	168.5	8.0	10.2
8	200	218.8	219.4	10.3	11.9
10	250	272.6	273.4	12.8	14.8
12	300	323.4	324.3	15.2	17.7

- Standard Length 5.8m ± 5mm

Class E

Size		OD		Thickness	
INCH	MM	MIN(mm)	MAX(mm)	MIN(mm)	MAX(mm)
1/2	15	21.2	21.5	1.7	2.1
3/4	20	26.6	26.9	1.9	2.5
1	25	33.4	33.7	2.2	2.7
1 1/4	32	42.1	42.4	2.7	3.2
1 1/2	40	48.1	48.4	3.1	3.7
2	50	60.2	60.5	3.9	4.5
3	80	88.7	89.1	5.7	6.6
4	100	114.1	114.5	7.3	8.4
6	155	168	168.5	10.8	12.5
8	200	218.8	219.4	12.6	14.5
10	250	272.6	273.4	15.7	18.1
12	300	323.4	324.3	18.7	21.6
14	350	355.0	356.0	20.5	23.6

- Standard Length 5.8m ± 5mm

Class 6

Size		OD		Thickness	
INCH	MM	MIN(mm)	MAX(mm)	MIN(mm)	MAX(mm)
1/2	15	21.2	21.5	2.3	2.4
3/4	20	26.6	26.9	2.5	2.6
1	25	33.4	33.7	3.1	3.9
1 1/4	32	42.1	42.4	3.2	3.9
1 1/2	40	48.1	48.4	3.6	4.4
2	50	60.2	60.5	4.1	4.9
2 1/2	63	75.0	75.3	3.9	4.5
3	75	88.5	89.5	5.5	6.3
4	100	114.0	114.5	6.0	6.9
5	125	139.2	140.8	7.0	8.0
6	150	164.0	166.0	8.9	10.3
8	200	218.8	219.4	10.0	10.8
10	250	272.6	273.4	12.7	14.5
12	300	317.0	319.0	15.1	17.3

- Standard Length 5.8m ± 5mm

Class 7

Size		OD		Thickness	
INCH	MM	MIN(mm)	MAX(mm)	MIN(mm)	MAX(mm)
1/2	15	21.2	21.5	3.3	3.4
3/4	20	26.6	26.9	3.5	3.6
1	25	33.4	33.7	4	4.1
1 1/4	32	42.1	42.4	4	4.1
1 1/2	40	48.1	48.4	4.7	4.8
2	50	60.2	60.5	4.9	5

- Standard Length 5.8m ± 5mm

