

Pipe Class E

6 Metre Lengths

Size	Nominal Bore	Maximum Pressure (bar)	Weight/m (kg)	O.D. (mm)	Minimum Wall (mm)	Standard Range		Industrial Range	
						Code	Price/m	Code	Price/M
1/2	15	15	0.14	21.4	1.9	ABS005EPE	3.52	01 513 102	4.17
3/4	20	15	0.21	26.5	2.4	ABS007EPE	5.44	01 513 103	6.41
1	25	15	0.33	33.6	3.0	ABS010EPE	7.13	01 513 104	8.47
1 1/4	32	15	0.52	42.2	3.8	ABS012EPE	10.66	01 513 105	12.59
1 1/2	40	15	0.68	48.3	4.4	ABS015EPE	14.07	01 513 106	16.63
2	50	15	1.06	60.3	5.4	ABS020EPE	17.59	01 513 107	20.83
3	75	15	2.28	88.9	8.1	ABS030EPE	35.44	01 513 109	41.87
4	100	15	3.76	114.3	10.3	ABS040EPE	56.91	01 513 110	67.34

Pipe Class D

6 Metre Lengths

Size	Nominal Bore	Maximum Pressure (bar)	Weight/m (kg)	O.D. (mm)	Minimum Wall (mm)	Standard Range		Industrial Range	
						Code	Price/m	Code	Price/M
6	150	12	6.88	168.3	12.3	ABS060DPE	111.25	01 512 112	131.60

Pipe Class C

6 Metre Lengths

Size	Nominal Bore	Maximum Pressure (bar)	Weight/m (kg)	O.D. (mm)	Minimum Wall (mm)	Standard range		Industrial Range	
						Code	Price/m	Code	Price/M
1	25	9	0.22	33.6	1.9	ABS010CPE	4.61	01 511 104	5.45
1 1/4	32	9	0.34	42.2	2.4	ABS012CPE	7.75	01 511 105	9.16
1 1/2	40	9	0.45	48.3	2.7	ABS015CPE	9.85	01 511 106	11.64
2	50	9	0.7	60.3	3.4	ABS020CPE	13.25	01 511 107	15.69
2 1/2*	65	9	1.35	75.0	4.7	ABS025CPE	22.96	11 555 312	27.12
3	75	9	1.48	88.9	5.0	ABS030CPE	27.37	01 511 109	32.34
4	100	9	2.48	114.3	6.4	ABS040CPE	45.08	01 511 110	53.31
5*	125	9	4.65	140.0	8.8	ABS050CPE	88.32	11 555 316	104.44
6	150	9	5.47	168.3	9.4	ABS060CPE	89.15	01 511 112	105.40
8	200	9	9.53	219.1	12.2	ABS080CPE	160.32	01 511 113	181.01

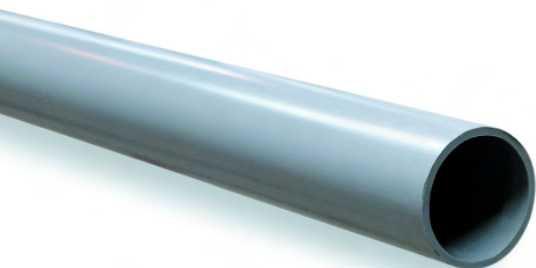
*Maximum pressure 10 bar - 5 metre length

Pipe Class T

6 Metre Lengths - Suitable for Threading

Size	Nominal Bore	Maximum Pressure (bar)	Weight/m (kg)	O.D. (mm)	Minimum Wall (mm)	Standard Range		Industrial Range	
						Code	Price/m	Code	Price/M
3/8	10	12	0.16	17.1	3.4	-		01 514 101	5.45
1/2	15	12	0.22	21.4	3.5	ABS005TPE	6.04	01 514 102	7.14
3/4	20	12	0.29	26.5	3.5	ABS007TPE	6.87	01 514 103	8.09
1	25	12	0.44	33.6	4.2	ABS010TPE	9.76	01 514 104	11.52
1 1/4	32	12	0.68	42.2	5.1	ABS012TPE	17.11	01 514 105	20.20
1 1/2	40	12	0.87	48.3	5.8	ABS015TPE	17.31	01 514 106	20.47
2	50	12	1.31	60.3	7.0	ABS020TPE	23.54	01 514 107	27.85

Please note that a transportation surcharge may be applied on pipe diameters 10" or larger - please enquire for details



Durapipe One-Step Solvent Cement

Size	Code	Price
500ml tin	03 461 395	12.96
1 litre tin	03 461 396	23.24

AVF ABS Solvent Cement

Size	Code	Price
500ml tin	3119-300	10.59



Cleaning Fluid

Size	Code	Price
1/2 litre tin	765-300	8.73

Brushes



Size	Code	Price
8mm round	L151/8R	1.60
25 x 10mm flat	565/1	1.77
50 x 10mm flat	565/2	4.05
75 x 10mm flat	565/3	10.64



Durapipe One-Step Cement

Making secure ABS joints is fast and easy with this new cement:

- Cut pipe square
- Chamfer the pipe end
- Clean surfaces to be joined
- Apply cement to pipe, then to fitting
- Bring together

Pipework Support

ABS pipework requires more support than for metallic systems. As working temperature increases, the distance between supports is reduced.

Pipe Size	Support Centres/m		
	20°C	50°C	70°C
16mm/ 3/8"	0.8	0.5	0.4
20mm/ 1/2"	0.9	0.6	0.5
25mm/ 3/4"	1.0	0.7	0.6
32mm/ 1"	1.1	0.8	0.7
40mm/ 1 1/4"	1.2	0.9	0.7
50mm/ 1 1/2"	1.3	1.0	0.7
63mm/ 2"	1.4	1.1	0.8
75mm/ 2 1/2"	1.5	1.2	0.8
90mm/ 3"	1.6	1.2	0.9
110mm/ 4"	1.8	1.3	1.0
125mm	1.9	1.4	1.0
140mm/ 5"	2.0	1.5	1.1
160mm/ 6"	2.1	1.6	1.2
200mm	2.2	1.7	1.3
225mm/ 8"	2.3	1.8	1.5
250mm	2.5	2.0	1.7
280mm/ 10"	2.7	2.2	1.9
315mm/ 12"	2.9	2.4	2.1

Temperature De-Rating Factors

Pressure ratings for ABS pipework systems are always quoted at 20°C. As working temperature increases, the maximum working pressure decreases by the factor indicated.

Working Temperature (°C)	Pressure De-rating Factor
20	1.00
30	0.85
40	0.72
50	0.58
60	0.45
70	0.28

How much Solvent Cement?

Estimate the number of joints per size, then use this table to calculate how much solvent cement to order.

Inch Size	mm Size	Joints Per Litre
3/8-1	16-32	400
1 1/4-2	40-63	200
2 1/2-3	75-90	70
4	110-125	45
5-6	140-160	25
8	200-225	15
10-12	250-315	4

You will require approximately half as much cleaner.

What size Brush?

It is important to use the correct size brush to apply solvent cement.

Inch Size	mm Size	Brush Size
1/4-1	16-32	8mm round
1 1/4-2	40-63	25 x 10mm flat
2 1/2-5	75-140	50 x 10mm flat
6-12	160-315	75 x 10mm flat