

Pipe EN 1452

Plain Ended - 5 Metre Lengths

Size	PN7.5		PN10		PN12.5		PN16	
	Code	Price/m	Code	Price/m	Code	Price/m	Code	Price/m
12	-		-		-		PVC012PE16	on application
16	-		-		-		PVC016PE16	1.17
20	-		-		-		PVC020PE16	1.46
25	-		PVC025PE10	1.59	PVC025PE12	on application	PVC025PE16	1.99
32	-		PVC032PE10	2.47	PVC032PE12	on application	PVC032PE16	3.23
40	-		PVC040PE10	3.29	PVC040PE12	on application	PVC040PE16	5.05
50	-		PVC050PE10	4.87	PVC050PE12	on application	PVC050PE16	7.68
63	PVC063PE75	on application	PVC063PE10	7.85	PVC063PE12	on application	PVC063PE16	12.31
75	PVC075PE75	on application	PVC075PE10	11.21	PVC075PE12	on application	PVC075PE16	16.99
90	PVC090PE75	on application	PVC090PE10	15.76	PVC090PE12	on application	PVC090PE16	23.77
110	PVC110PE75	on application	PVC110PE10	24.74	PVC110PE12	on application	PVC110PE16	35.97
125	PVC125PE75	on application	PVC125PE10	31.51	PVC125PE12	on application	PVC125PE16	45.87
140	PVC140PE75	on application	PVC140PE10	on application	PVC140PE12	on application	PVC140PE16	on application
160	PVC160PE75	on application	PVC160PE10	52.13	PVC160PE12	on application	PVC160PE16	88.61
200	PVC200PE75	on application	PVC200PE10	90.92	-		-	
225	PVC225PE75	on application	PVC225PE10	115.17	-		-	
250	PVC250PE75	on application	PVC250PE10	97.71	-		-	
280	PVC280PE75	on application	PVC280PE10	on application	-		-	
315	PVC315PE75	on application	PVC315PE10	on application	-		-	
400	PVC400PE75	on application	-		-		-	
500	PVC500PE75	on application	-		-		-	
630	PVC630PE75	on application	-		-		-	

Please note that a transportation surcharge may be applied on pipe diameters 280mm or larger - please enquire for details.

Pipe DIN 8062

Plain Ended - 5 Metre Lengths

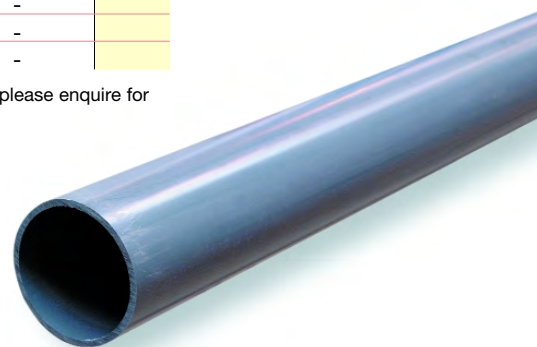
Size	PN6		PN10		PN16	
	Code	Price/m	Code	Price/m	Code	Price/m
12	-		-		700090	on application
16	-		-		700100	on application
20	-		-		701500	on application
25	-		700200	on application	700710	on application
32	-		700260	on application	700760	on application
40	-		700350	on application	700770	on application
50	700450	on application	700920	on application	700780	on application
63	700500	on application	700930	on application	700790	on application
75	700560	on application	700940	on application	700870	on application
90	700600	on application	700950	on application	700880	on application
110	700650	on application	700960	on application	700891	on application
125	700700	on application	700970	on application	700901	on application
140	700980	on application	700991	on application	700992	on application
160	701050	on application	701020	on application	701022	on application
200	701031	on application	701055	on application	-	
225	701059	on application	701058	on application	-	
250	701062	on application	701061	on application	-	
280	-		701063	on application	-	
315	701066	on application	701065	on application	-	
400	701068	on application	-		-	

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Temperature De-Rating Factors

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

Working Temperature (°C)	Pressure De-Rating Factor
20	1.00
30	0.80
40	0.58
50	0.39
60	0.22



Pipework Support

PVC-U pipework requires more support than for metallic systems.

As working temperature increases, the distance between supports is reduced. At 60°C, continuous support is required.

Support centres/m

PN16 pipe size	20°C	40°C
16	0.6	0.6
20	0.8	0.7
25	0.8	0.7
32	0.9	0.8
40	1.0	0.9
50	1.1	1.0
63	1.2	1.1
90	1.5	1.4
110	1.7	1.5
160	2.1	1.9
225	2.5	2.3
280	2.9	2.6
315	3.1	2.8
400	3.4	3.1
450	3.7	3.3

pvc-u pipe availability: mm sizes

		EN 1452						DIN 8061/2				
Type		PN 6	PN 7.5	PN10	PN 12.5	PN 16	PN 20	PN 4	PN 6	PN 10	PN 16	PN 20
12 mm	O.D. (mm)						12.0				12.0	12.0
	Wall (mm)						1.5				1.0	1.4
	Max WP (bar)						20.0				16.0	20.0
	Weight/m (kg)						0.1				0.1	0.1
16 mm	O.D. (mm)						16.0				16.0	16.0
	Wall (mm)						1.5				1.2	1.8
	Max WP (bar)						20.0				16.0	20.0
	Weight/m (kg)						0.1				0.1	0.1
20 mm	O.D. (mm)					20.0	20.0				20.0	20.0
	Wall (mm)					1.5	1.9				1.5	2.3
	Max WP (bar)					16.0	20.0				16.0	20.0
	Weight/m (kg)					0.1	0.2				0.1	0.2
25 mm	O.D. (mm)				25.0	25.0	25.0			25.0	25.0	25.0
	Wall (mm)				1.5	1.9	2.3			1.5	1.9	2.8
	Max WP (bar)				12.5	16.0	20.0			10.0	16.0	20.0
	Weight/m (kg)				0.2	0.2	0.2			0.2	0.2	0.3
32 mm	O.D. (mm)			32.0	32.0	32.0	32.0			32.0	32.0	32.0
	Wall (mm)			1.6	1.9	2.4	2.9			1.8	2.4	3.6
	Max WP (bar)			10.0	12.5	16.0	20.0			10.0	16.0	20.0
	Weight/m (kg)			0.3	0.3	0.3	0.4			0.3	0.3	0.5
40 mm	O.D. (mm)		40.0	40.0	40.0	40.0	40.0		40.0	40.0	40.0	40.0
	Wall (mm)		1.8	1.9	2.4	3.0	3.7		1.8	1.9	3.0	4.5
	Max WP (bar)		7.5	10.0	12.5	16.0	20.0		6.0	10.0	16.0	20.0
	Weight/m (kg)		0.3	0.4	0.5	0.5	0		0.4	0.4	0.5	0.8
50 mm	O.D. (mm)	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	Wall (mm)	1.5	2.0	2.4	3.0	3.7	4.6	1.8	2.4	3.7	5.6	8.4
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	6.0	10.0	16.0	20.0	20.0
	Weight/m (kg)	0.5	0.5	0.6	0.7	0.8	1.0	0.4	0.6	0.8	1.2	1.2
63 mm	O.D. (mm)	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
	Wall (mm)	1.5	2.0	2.4	3.0	3.8	5.8	1.9	3.0	4.7	7.0	10.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	6.0	10.0	16.0	20.0	20.0
	Weight/m (kg)	0.6	0.6	0.9	1.1	1.3	1.7	0.6	0.9	1.3	1.8	2.6
75 mm	O.D. (mm)	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	Wall (mm)	2.2	2.2	2.9	3.6	4.5	6.8	1.8	2.2	3.6	5.6	8.4
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	0.8	0.8	1.3	1.6	1.9	2.3	0.6	0.8	1.2	1.8	2.6
90 mm	O.D. (mm)	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	Wall (mm)	2.7	2.7	3.5	4.3	5.4	8.2	1.8	2.7	4.3	6.7	10.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	1.2	1.2	1.8	2.3	2.7	3.3	0.8	1.1	1.8	2.6	3.7
110 mm	O.D. (mm)	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
	Wall (mm)	2.7	3.3	4.2	5.3	6.6	8.1	2.2	3.2	5.3	8.2	12.3
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	1.4	1.7	2.1	2.7	3.2	4.0	1.2	1.6	2.6	3.9	5.6
125 mm	O.D. (mm)	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
	Wall (mm)	3.0	3.7	4.8	6.0	7.4	9.2	2.5	3.7	6.0	9.3	13.4
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	1.8	2.2	2.8	3.4	4.1	5.1	1.5	2.1	3.3	5.0	7.0
140 mm	O.D. (mm)	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
	Wall (mm)	3.5	4.1	5.4	6.7	8.3	10.3	2.8	4.1	6.7	10.4	15.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	2.3	2.7	3.5	4.3	5.2	6.4	1.8	2.7	4.2	6.3	8.4
160 mm	O.D. (mm)	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
	Wall (mm)	4.0	4.7	6.2	7.7	9.5	11.8	3.2	4.7	7.7	11.9	16.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	3.0	3.6	4.6	5.7	6.7	8.4	2.4	3.4	5.5	8.2	11.2
180 mm	O.D. (mm)	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
	Wall (mm)	4.4	5.3	6.9	8.6	10.7	13.3	3.6	5.3	8.6	13.4	18.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	3.8	4.5	5.7	7.1	8.5	10.6	3.0	4.4	6.9	10.4	14.0
200 mm	O.D. (mm)	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
	Wall (mm)	4.9	5.9	7.7	9.6	11.9	14.7	4.0	5.9	9.6	14.9	20.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	4.6	5.6	7.1	8.8	10.5	13.0	3.7	5.4	8.5	13.2	18.0
225 mm	O.D. (mm)	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0
	Wall (mm)	5.5	6.6	8.6	10.8	13.4	16.6	4.5	6.6	10.8	16.7	22.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	5.8	7.0	8.9	11.1	13.4	16.6	4.7	6.7	10.8	16.1	21.0
250 mm	O.D. (mm)	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
	Wall (mm)	6.2	7.3	9.6	11.9	14.8	18.4	4.9	7.3	11.9	18.0	24.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	7.4	8.7	11.0	13.6	16.2	20.1	5.7	8.3	13.2	20.6	27.0
280 mm	O.D. (mm)	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0
	Wall (mm)	6.9	8.2	10.7	13.4	16.6	20.6	5.7	8.2	13.4	20.8	28.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	9.1	10.9	13.8	17.3	20.6	25.6	7.0	10.2	16.6	25.8	34.0
315 mm	O.D. (mm)	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0	315.0
	Wall (mm)	7.7	9.2	12.1	15.0	18.7	23.2	6.2	9.2	15.0	23.4	31.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	11.5	13.7	17.5	21.7	26.1	32.3	9.0	13.2	20.9	32.6	43.0
400 mm	O.D. (mm)	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
	Wall (mm)	9.8	11.7	15.3	19.1	23.7	29.4	7.7	11.7	19.1	29.7	39.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	18.6	22.2	27.7	34.5	39.3	48.8	14.6	19.6	31.7	49.3	64.0
500 mm	O.D. (mm)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0
	Wall (mm)	12.3	14.6	19.1	23.9	29.7	36.8	10.0	14.6	23.9	36.8	48.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	29.4	34.9	41.3	51.7	64.3	79.6	21.0	31.6	51.7	79.6	102.0
630 mm	O.D. (mm)	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0
	Wall (mm)	15.4	18.4	24.1	30.0	37.0	46.0	12.3	18.4	30.0	46.0	60.0
	Max WP (bar)	6.0	7.5	10.0	12.5	16.0	20.0	4.0	6.0	10.0	16.0	20.0
	Weight/m (kg)	41.0	49.0	64.2	79.9	98.0	122.0	31.0	49.0	79.6	122.0	158.0