



Corzan Pipe Schedule 40

3 & 6 metre lengths. Threading not recommended.

Size	Maximum Pressure (bar)	Weight/m	O.D. (mm)	Minimum Wall (mm)	Code	Price/m
1/4	53	0.11	13.8	2.2	400-002C	6.35
3/8	42	0.22	17.2	2.3	400-003C	8.09
1/2	41	0.27	21.4	2.8	400-005C	4.90
3/4	33	0.36	26.5	2.9	400-007C	6.42
1	31	0.52	33.6	3.4	400-010C	9.49
1 1/4	25	0.71	42.2	3.6	400-012C	12.76
1 1/2	23	0.85	48.3	3.7	400-015C	15.32
2	20	1.13	60.3	3.9	400-020C	20.43
2 1/2	21	1.79	73.0	5.2	400-025C	32.23
3	18	2.34	88.9	5.5	400-030C	42.30
4	15	3.34	114.3	6.0	400-040C	56.46
6	12	5.88	168.3	7.1	400-060C	110.85
8	11	8.88	219.1	8.2	400-080C	190.35
10	10	12.61	273.1	9.3	400-100C	325.27
12	9	16.66	323.9	10.3	400-120C	430.31
14	9	20.75	355.6	11.1	400-140C	676.83
16	9	27.08	406.4	12.7	400-160C	883.96

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

Corzan Pipe Schedule 80

3 & 6 metre lengths.

Size	Maximum Pressure (bar)	Weight/m	O.D. (mm)	Minimum Wall (mm)	Code	Price/m
1/4	78	0.17	13.8	3.0	800-002C	7.36
3/8	63	0.23	17.2	3.2	800-003C	10.15
1/2	59	0.34	21.4	3.7	800-005C	5.69
3/4	48	0.45	26.5	3.9	800-007C	7.72
1	43	0.67	33.6	4.6	800-010C	11.37
1 1/4	36	0.92	42.2	4.9	800-012C	15.60
1 1/2	32	1.12	48.3	5.1	800-015C	18.95
2	28	1.55	60.3	5.5	800-020C	26.27
2 1/2	29	2.36	73.0	7.0	800-025C	39.97
3	26	3.17	88.9	7.6	800-030C	53.67
4	22	4.63	114.3	8.6	800-040C	77.30
6	19	8.84	168.3	11.0	800-060C	153.16
8	17	13.49	219.1	12.7	800-080C	266.94
10	16	20.02	273.1	15.1	800-100C	483.54
12	16	27.52	323.9	17.5	800-120C	664.43
14	15	33.13	355.6	19.1	800-140C	885.41
16	15	42.60	406.4	21.4	800-160C	1384.28
18	15	55.79	457.2	23.8	800-180C	1651.19

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



FM4910 Corzan Duct

A range of flame retardent duct pipe and fittings is available to meet the requirements of FM4910. Please enquire for details.

Temperature De-Rating Factors

Pressure ratings for Harvel PVC-C 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	0.92
40	0.81
50	0.65
60	0.50
70	0.40
80*	0.26
90*	0.21

* For continuous use at these temperatures, consult our Customer Services Department.

How much Solvent Cement?

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

We always recommend the use of Primer when solvent welding PVC-C. Primer is brush applied after preparation and cleaning of the joint surfaces, prior to the application of solvent cement.

Pipe Size	Joints per pint
1/2	190
3/4	120
1	100
1 1/4	70
1 1/2	50
2	30
2 1/2	25
3	20
4	12
6	5
8	2.5
10	0.75
12	0.5

Allow approximately one half the cement quantity in C-65 cleaner and P-70 primer.

Detailed jointing instructions are available on request.



What size Brush?

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

Pipe Size	Brush Size
1/4-1	8mm round
1 1/4-2	25 x 3mm flat
2 1/2-5	50 x 10mm flat
6-12	75 x 10mm flat



PVC-C Solvent Cement

Size	Code	Price
500ml tin	724-301	20.52
Quart (946ml) tin	724-201	36.92



P-70 Primer

Size	Code	Price
Pint (473ml) tin	770-300	15.93
Quart (946ml) tin	770-200	25.59



Cleaning Fluid

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



Brushes

Size	Code	Price
4mm round	L151/4R	1.14
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

Applicators and Accessories

Special applicators make large size jointing much easier

Description	Code	Price
3" long roller for pipe sizes 3" to 6". Fits quart size tin.	3020	13.64
7" long roller for pipe sizes 6"+. Fits gallon size tin	7020	16.71
Swab applicator for pipe sizes 6"+. Fits gallon size tin.	4020	16.71
Empty gallon size tin for use with applicators.	MT648	15.93

All WELD-ON cements, primers and cleaning fluids are now LOW VOC

Pipework Support

PVC-C pipework requires more support than for metallic systems. As working temperature increases, the distance between supports is reduced. For temperatures in excess of 80°C, please enquire.

SCHEDULE 40

Pipe Size	Support Centres/m			
	20°C	40°C	60°C	80°C
1/2	1.5	1.4	1.2	0.7
3/4	1.5	1.5	1.2	0.7
1	1.7	1.7	1.4	0.7
1 1/4	1.7	1.7	1.5	0.9
1 1/2	1.8	1.8	1.5	0.9
2	1.8	1.8	1.5	0.9
2 1/2	2.1	2.1	1.8	1.0
3	2.1	2.1	1.8	1.0
4	2.3	2.3	2.0	1.2
6	2.6	2.5	2.1	1.4
8	2.9	2.8	2.3	1.5
10	3.2	3.0	2.5	1.7
12	3.5	3.2	2.6	1.8

SCHEDULE 80

Pipe Size	Support Centres/m			
	20°C	40°C	60°C	80°C
1/2	1.7	1.5	1.4	0.7
3/4	1.7	1.7	1.4	0.7
1	1.8	1.8	1.5	0.9
1 1/4	2.0	1.8	1.7	0.9
1 1/2	2.1	2.0	1.7	1.0
2	2.1	2.1	1.8	1.0
2 1/2	2.5	2.3	2.0	1.2
3	2.5	2.5	2.1	1.2
4	2.7	2.7	2.3	1.4
6	3.1	2.9	2.5	1.5
8	3.4	3.2	2.7	1.7
10	3.5	3.4	2.9	1.8
12	3.8	3.7	3.2	2.0