



Corzan Pipe Schedule 40

3 & 6 metre lengths. Threading not recommended.

Size	nominal bore	Maximum Pressure (bar)	Weight/m	O.D. (mm)	Minimum Wall (mm)	Code	Price/m
1/4	6	53	0.11	13.8	2.2	400-002C	5.99
3/8	10	42	0.22	17.2	2.3	400-003C	7.63
1/2	15	41	0.27	21.4	2.8	400-005C	4.62
3/4	20	33	0.36	26.5	2.9	400-007C	6.06
1	25	31	0.52	33.6	3.4	400-010C	8.95
1 1/4	32	25	0.71	42.2	3.6	400-012C	12.04
1 1/2	40	23	0.85	48.3	3.7	400-015C	14.45
2	50	20	1.13	60.3	3.9	400-020C	19.27
2 1/2	65	21	1.79	73.0	5.2	400-025C	30.41
3	75	18	2.34	88.9	5.5	400-030C	39.91
4	100	15	3.34	114.3	6.0	400-040C	53.26
6	150	12	5.88	168.3	7.1	400-060C	104.58
8	200	11	8.88	219.1	8.2	400-080C	179.58
10	250	10	12.61	273.1	9.3	400-100C	306.86
12	300	9	16.66	323.9	10.3	400-120C	405.95
14	350	9	20.75	355.6	11.1	400-140C	638.52
16	400	9	27.08	406.4	12.7	400-160C	833.92

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	nominal bore	Maximum Pressure (bar)	Weight/m	O.D. (mm)	Minimum Wall (mm)	Code	Price/m
1/4	6	78	0.17	13.8	3.0	800-002C	6.94
3/8	10	63	0.23	17.2	3.2	800-003C	9.58
1/2	15	59	0.34	21.4	3.7	800-005C	5.37
3/4	20	48	0.45	26.5	3.9	800-007C	7.28
1	25	43	0.67	33.6	4.6	800-010C	10.73
1 1/4	32	36	0.92	42.2	4.9	800-012C	14.72
1 1/2	40	32	1.12	48.3	5.1	800-015C	17.88
2	50	28	1.55	60.3	5.5	800-020C	24.78
2 1/2	65	29	2.36	73.0	7.0	800-025C	37.71
3	75	26	3.17	88.9	7.6	800-030C	50.63
4	100	22	4.63	114.3	8.6	800-040C	72.92
6	150	19	8.84	168.3	11.0	800-060C	144.49
8	200	17	13.49	219.1	12.7	800-080C	251.83
10	250	16	20.02	273.1	15.1	800-100C	456.17
12	300	16	27.52	323.9	17.5	800-120C	626.82
14	350	15	33.13	355.6	19.1	800-140C	835.29
16	400	15	42.60	406.4	21.4	800-160C	1305.92
18	450	15	55.79	457.2	23.8	800-180C	1557.73

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	19.36
Quart (946ml) tin	724-201	34.83



P-70 Primer

Size	Code	Price
Pint (473ml) tin	770-300	15.03
Quart (946ml) tin	770-200	24.14



Cleaning Fluid

Size	Code	Price
1/2 litre tin	765-300	8.24



Brushes

Size	Code	Price
4mm round	L151/4R	1.08
8mm round	L151/8R	1.51
25 x 10mm flat	565/1	1.67
50 x 10mm flat	565/2	3.82
75 x 10mm flat	565/3	10.04

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	12.87
7" long roller for pipe sizes 6"+. Fits gallon size tin	7020	15.76
Swab applicator for pipe sizes 6"+. Fits gallon size tin.	4020	15.76
Empty gallon size tin for use with applicators.	MT648	15.03

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