



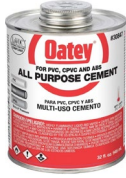
PVC SOLVENT WELD

Schedule 40

Schedule 40 PVC Pipe Dimensions

PVC SCH 40 PIPE PLAIN END	
	
JABO PART#	SIZE
016-12640	1/2"
016-12700	3/4"
016-12760	1"
016-12820	1-1/4"
016-12880	1-1/2"
016-12940	2"
016-13000	2-1/2"
016-13060	3"
016-13180	4"
016-13200	6"
016-13210	8"
016-13240	10"
016-13280	12"
1/8" - 24" AVAILABLE FROM THE FACTORY	

Nom. Pipe Size (in)	O.D.	Average I.D.	Min. Wall	Nominal Wt./Ft.	Maximum W.P. PSI*
1/8	0.405	0.249	0.068	0.051	810
1/4	0.540	0.344	0.088	0.086	780
3/8	0.675	0.473	0.091	0.115	620
1/2	0.840	0.602	0.109	0.170	600
3/4	1.050	0.804	0.113	0.226	480
1	1.315	1.029	0.133	0.333	450
1-1/4	1.660	1.360	0.140	0.450	370
1-1/2	1.900	1.590	0.145	0.537	330
2	2.375	2.047	0.154	0.720	280
2-1/2	2.875	2.445	0.203	1.136	300
3	3.500	3.042	0.216	1.488	260
3-1/2	4.000	3.521	0.226	1.789	240
4	4.500	3.998	0.237	2.118	220
5	5.563	5.016	0.258	2.874	190
6	6.625	6.031	0.280	3.733	180
8	8.625	7.942	0.322	5.619	160
10	10.750	9.976	0.365	7.966	140
12	12.750	11.889	0.406	10.534	130
14	14.000	13.073	0.437	12.462	130
16	16.000	14.940	0.500	16.286	130
18	18.000	16.809	0.562	20.587	130
20	20.000	18.743	0.593	24.183	120
24	24.000	22.544	0.687	33.652	120

PURPLE PRIMER		HD CLEAR PVC CEMENT		ALL PURPOSE CEMENT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
959-10000	1/4 PT	959-10160	1/4 PT	*	1/4 PT
959-10010	1/2 PT	959-10200	1/2 PT	*	1/2 PT
959-10020	PINT	959-10220	PINT	959-10270	PINT
959-10030	QUART	959-10230	QUART	959-10280	QUART

OTHER BRANDS MAY BE SUBSTITUTED IN PLACE OF WHAT IS SHOWN IN THE PICTURE

PVC SOLVENT WELD

Schedule 80




Schedule 80 PVC Pipe Dimensions



JABO PART#	SIZE
016-15780	1/2"
016-15840	3/4"
016-15900	1"
016-15960	1-1/4"
016-16020	1-1/2"
016-16080	2"
016-16100	2-1/2"
016-16120	3"
016-16140	4"
016-16160	6"
016-16180	8"
016-16220	10"
*	12"

***Non Stock- Call Jabo Supply**

Nominal Pipe Size (in)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Maximum W.P. PSI*
1/8	0.405	0.195	0.095	0.068	1230
1/4	0.540	0.282	0.119	0.115	1130
3/8	0.675	0.403	0.126	0.158	920
1/2	0.840	0.526	0.147	0.232	850
3/4	1.050	0.722	0.154	0.314	690
1	1.315	0.936	0.179	0.461	630
1-1/4	1.660	1.255	0.191	0.638	520
1-1/2	1.900	1.476	0.200	0.773	470
2	2.375	1.913	0.218	1.070	400
2-1/2	2.875	2.29	0.276	1.632	420
3	3.500	2.864	0.300	2.186	370
4	4.500	3.786	0.337	3.196	320
6	6.625	5.709	0.432	6.102	280
8	8.625	7.565	0.500	9.269	250
10	10.750	9.493	0.593	13.744	230
12	12.750	11.294	0.687	18.909	230
14	14.000	12.41	0.750	22.681	220
16	16.000	14.213	0.843	29.162	220
18	18.000	16.014	0.937	36.487	220
20	20.000	17.814	1.031	44.648	220
24	24.000	21.418	1.218	63.341	210

PURPLE PRIMER		HD CLEAR PVC CEMENT		ALL PURPOSE CEMENT	
					
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
959-10000	1/4 PT	959-10160	1/4 PT	*	1/4 PT
959-10010	1/2 PT	959-10200	1/2 PT	*	1/2 PT
959-10020	PINT	959-10220	PINT	959-10270	PINT
959-10030	QUART	959-10230	QUART	959-10280	QUART

OTHER BRANDS MAY BE SUBSTITUTED IN PLACE OF WHAT IS SHOWN IN THE PICTURE

CPVC SOLVENT WELD

Schedule 80

CPVC SCH 80 PIPE



CPVC is recommended for applications where the maximum temperature will exceed 140 degrees Fahrenheit, but stay under CPVC's max rating of 200 degrees Fahrenheit

JABO PART#	SIZE
016-70000	1/2"
016-70020	3/4"
016-70040	1"
016-70060	1-1/4"
016-70080	1-1/2"
016-70100	2"
*	2-1/2"
016-70140	3"
016-70160	4"
016-70180	6"
*	8"
*Non Stock- Call Jabo Supply	

Nominal Pipe Size (inches)	Outside Diameter (inches)	Minimum Wall Thickness (inches)	Nominal Inside Diameter (inches)	Weight (lb/100 ft)	
				PVC	CPVC
1/2	0.840	0.147	0.546	20	22
3/4	1.050	0.154	0.742	.27	.30
1	1.315	0.179	0.957	.41	.44
1 1/4	1.660	0.191	1.278	.52	.61
1 1/2	1.900	0.200	1.500	.67	.74
2	2.375	0.218	1.939	.95	1.02
2 1/2	2.875	0.276	2.323	1.45	1.56
3	3.500	0.300	2.900	1.94	2.09
4	4.500	0.337	3.826	2.75	3.05
5	5.563	0.375	4.813	3.87	
6	6.625	0.432	5.761	5.42	5.82
8	8.625	0.500	7.625	8.05	8.83
10	10.750	0.593	9.564	12.00	13.09
12	12.750	0.687	11.376	16.50	18.00
14	14.000	0.750	12.500	19.30	
16	16.000	0.843	14.314	25.44	

PVC

PRESSURE RATING CHART WITH DE-RATING FACTOR

Nominal Pipe Size (Inches)	Sch 40 Max. Pipe Working Pressure PSI	Sch 80 Max. Pipe Working Pressure PSI
1/8"	810	1230
1/4"	780	1130
3/8"	620	920
1/2"	600	850
3/4"	480	690
1"	450	630
1-1/4"	370	520
1-1/2"	330	470
2"	280	400
2-1/2"	300	420
3"	260	370
3-1/2"	240	350
4"	220	320
5"	190	290
6"	180	280
8"	160	250
10"	140	230
12"	130	230
14"	130	220
16"	130	220

Operating Temp (°F)	De-Rating Factor
73	1
80	0.88
90	0.75
100	0.62
110	0.51
120	0.4
130	0.31
140	0.22

Example: What's the Maximum Working Pressure of a 6" Schedule 40 pipe length at 110 degrees Fahrenheit? Answer: 180 PSI X .51= 91 PSI max at 110 degrees.

The column "Nominal Pipe Size (In)" denotes the fitting or pipe size. The column "Max. Working Pressure PSI" refers to the maximum working pressure PSI that the corresponding fitting can withstand. Basically, the larger the diameter of your PVC fitting or PVC Pipe length, the less pressure it can withstand. These Maximum Working Pressure figures rely on the fact that your PVC products will be used in a location providing optimal temperature year round. For PVC fitting Schedule 40 and PVC fittings Schedule 80, the optimal temperature (at which PVC can operate at the highest PSI) would be 73 degrees Fahrenheit. As the temperature of the PVC increases the pressure that the PVC can withstand will decrease. The chart below will illustrate the pressure derating of PVC as temperatures increase.