



# Reclaimed Water Sch40 Purple Solvent Weld

## Specification

Pacific Plastics IPS Schedule series of PVC pipe is produced for use in reclaimed water applications in which the maximum operating temperature is 140° F. The compound is PVC 1120 Type 1 Grade 1, with a cell class of 12454B, per ASTM D1784.

The Schedule series listed below is produced in strict compliance to ASTM D1785. It is listed with NSF and complies with NSF/ANSI Standard 14 and Standard 61.

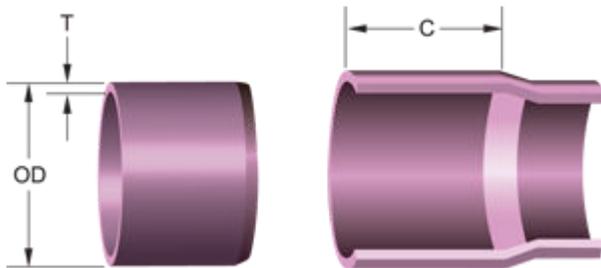
Sch40 pipe is installed per ASTM D2855. The joints should conform to ASTM D2672, the solvent cement to ASTM D2564 and the primer to ASTM F656.

Cycle Flow Sch40 for use in Reclaimed Water applications:

- Sizes 1/2" – 8" are produced in Purple color, 20 foot lengths and Belled End.

The outside diameter and wall thickness of Sch40 pipe are measured in accordance to ASTM D2122 and are shown in the following tables:

Size	OD	T	C	PSI
1/2	0.840	0.109	1.00	600
3/4	1.050	0.113	1.25	480
1	1.315	0.133	1.50	450
1 ¼	1.660	0.140	1.75	370
1 ½	1.900	0.145	2.00	330
2	2.375	0.154	2.25	280
2 ½	2.875	0.203	2.50	300
3	3.500	0.216	3.25	260
4	4.500	0.237	4.00	220
6	6.625	0.280	6.00	180
8	8.625	0.322	6.00	160



**Size** – Inch

**OD** – Outside Diameter

**T** – Wall Thickness

**C** – Approximate Bell Depth

**PSI** – Pressure Rating

## Certification

This is to certify that, in this category of PVC pipe, all the products manufactured by Pacific Plastics have been inspected, sampled and tested in accordance with the following specifications and have been found to meet or exceed the requirements of those specifications.

#### Raw Materials

- PVC1120 Type1 Grade1
- Cell Class 12454
- ASTM D1784 Specification for Rigid PVC Compounds
- NSF Listed

#### PVC Pipe

- Sch40 Purple
- Solvent Weld Belled End
- 1/2" - 8" IPS
- ASTM D1785 Specification for PVC Pipe
- ASTM D2672 Specification for IPS PVC Pipe Joints using solvent cement
- Complies with NSF / ANSI Standard 14
- Complies with NSF / ANSI Standard 61

## Part Numbers

Size	Sch40
1/2	AC-40
3/4	BC-40
1	CC-40
1¼	DC-40
1½	EC-40
2	FC-40
2½	GC-40
3	HC-40
4	IC-40

Size	Sch40
6	JC-40
8	-

## Price List

MULTIPLY

Size	Sch40
1/2	75.00
3/4	98.90
1	149.50
1¼	199.70
1½	238.30
2	320.20
2½	506.00
3	662.40
4	943.00
6	1668.90
8	-

## Loading Chart - IPS Pipe 20'

Size	Ft/L	L/T	Ft/T
1/2	7,200	44	316,000
3/4	8,000	32	256,000
1	5,500	30	165,000
1¼	4,400	28	123,000
1½	3,360	28	94,080
2	2,000	28	56,000
3	1,100	24	26,400
4	680	24	16,320
5	520	16	8,320
6	440	16	7,040
8	280	16	4,480
10	240	12	2,880
12	120	16	1,920

## Weights - Reclaimed Water SCH40

Size	Sch40
1/2	16.3
3/4	21.5
1	32.5
1¼	43.4
1½	51.8
2	69.6

Size	Sch40
2½	110.0
3	144.0
4	205.0
6	362.8
8	566.0
10	769.0
12	1017.0

## Attributes

**Color**

[Purple](#)

**Fitting**

[Solvent Weld](#)

**Purpose**

[Reclaimed Water](#)