



# **ASTM D1785 POTABLE WATER (pw) ASTM D2665 DRAIN, WASTE & VENT (dwv) SCHEDULE 40**

## **MANUFACTURER'S CERTIFICATION**

**This is to certify the pipe manufactured by Sanderson Pipe Corporation meets or exceeds the applicable engineering standards listed under ASTM D1785 and/or D2665 for Solvent Weld and Plain End SCH 40.**

- 1. Materials:** Comply with ASTM D1784 for PVC 1120, Type 1, Grade 1, cell classification 12454. Materials used in the manufacturing of the pipe are NSF/ANSI 14 and 61 certified.
- 2. Dimensions / Testing:** All pipe meets or exceeds all performance specifications set forth in the current version of the ASTM D1785 and/or D2665 standards.
- 3. Markings on the Pipe:** Identification of nominal pipe size, plastic pipe material code, schedule size, pressure rating, ASTM designation D1785 and/or D2665, manufacturer's name and code. One or both of the following certified seals will be identified on the pipe: National Sanitation Foundation seal for potable water (NSF-pw) and/or National Sanitation Foundation for drain, waste, vent (NSF-dwv).

**Note:** 1/2", 3/4", 1" and 2 1/2" Sch 40 testing and marking pertain to only ASTM D1785 standards. 1 1/4", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16" and 18" Sch 40 are dual marked and conform to ASTM D1785 and D2665 standards.

**Manufactured in the USA**

**Revised Date: October 03, 2014**

**ASTM D1785 POTABLE WATER  
ASTM D2665 DWV  
SOLVENT WELD  
SCH 40 (WHITE) SPECIFICATIONS**

Pipe Size	Outside Diameter (OD)	SCH 40 Minimum Wall	Pressure Rating @ 23C/73F	**Bell Length (inches)	*Bell Diameter (inches)	Approx. Weight per foot (lbs.)
1/2"	0.840	0.109	600	1 3/4"	1.061	0.163
3/4"	1.050	0.113	480	2"	1.295	0.217
1"	1.315	0.133	450	2"	1.596	0.326
***1 1/4"	1.660	0.140	370	2 1/4"	1.950	0.436
***1 1/2"	1.900	0.145	330	2 3/4"	2.203	0.518
***2"	2.375	0.154	280	4"	2.705	0.697
2 1/2"	2.875	0.203	300	4 1/2"	3.294	1.096
***3"	3.500	0.216	260	4 1/2"	3.950	1.451
***4"	4.500	0.237	220	6 1/2"	5.018	2.045
***6"	6.625	0.280	180	7"	7.240	3.600
***8"	8.625	0.322	160	7"	9.316	5.403
***10"	10.750	0.365	140	8"	11.514	7.981
***12"	12.750	0.406	130	9"	13.653	10.160
***14"	14.000	0.437	130	9"	14.925	12.092
***16"	16.000	0.500	130	10"	17.038	15.858
***18"	18.000	0.562	130	12"	19.196	19.975

**Notes:**

\* Approximate Bell Diameter

\*\* May vary up to  $\pm 1/2$ "

\*\*\* Dual marked ASTM D1785 and D2665

Pipe made in 20-foot lengths.



## LOADING CHART

SCH 40 Bell End	Pallet QTY	% Of Truck
1/2" x 20' SCH 40	9000'	3.3%
3/4" x 20' SCH 40	8800'	4.5%
1" x 20' SCH 40	5600'	4.2%
1 1/4" x 20' SCH 40	3300'	3.3%
1 1/2" x 20' SCH 40	4420'	5.0%
2" x 20' SCH 40	2660'	4.2%
2 1/2" x 20' SCH 40	1920'	5.0%
3" x 20' SCH 40	1260'	4.2%
4 " x 20' SCH 40	760'	5.0%
6 " x 20' SCH 40	660'	8.3%
8 " x 20' SCH 40	300'	6.3%
10 " x 20' SCH 40	160'	6.3%
12 " x 20' SCH 40	60'	3.6%
14 " x 20' SCH 40	120'	8.3%
16 " x 20' SCH 40	120'	8.3%
18 " x 20' SCH 40	40'	4.2%

SCH 40 Plain End	Pallet QTY	% Of Truck
1" x 20' SCH 40	5600'	4.2%
1 1/4" x 20' SCH 40	3300'	3.3%
1 1/2" x 20' SCH 40	4420'	5.0%
2" x 20' SCH 40	2660'	4.2%
2- 1/2" x 20' SCH 40	1920'	5.0%
3" x 20' SCH 40	1260'	4.2%
4 " x 20' SCH 40	760'	5.0%
6 " x 20' SCH 40	660'	8.3%
8 " x 20' SCH 40	300'	6.3%
10 " x 20' SCH 40	160'	6.3%
12 " x 20' SCH 40	60'	3.6%

SCH 40 Plain End	Pallet QTY	% Of Truck
1 1/2" x 10' SCH 40	2210'	2.5%
2" x 10' SCH 40	1330'	2.1%
3" x 10' SCH 40	630'	2.1%
4 " x 10' SCH 40	380	2.5%
6 " x 10' SCH 40	330'	4.2%