





**PVC THREADED
DROP PIPE**

CNWPVC-TBE

DECEMBER, 2018

PVC SCH-80 THREADED DROP PIPE ASTM D1785 	SIZE	O.D.	I.D.	MIN. WALL	WEIGHT PER 100'	MAX PSI 73°F	FEET PER PALLET	PERCENT OF TL	PART NO.
	1"	1.315	.957	.179	41.23	315	2600	1.8	43056
	1¼	1.660	1.278	.191	57.18	260	2000	2.3	43078
	1½	1.900	1.500	.200	69.19	235	2360	2.7	43085
	2	2.375	1.939	.218	95.89	200	1860	3.3	43100

STANDARD LENGTH 20 FT. PROTECTIVE END CAPS PLACED ON ALL THREADED PIPE.

PVC SCH-120 THREADED DROP PIPE ASTM D1785 	SIZE	O.D.	I.D.	MIN. WALL	WEIGHT PER 100'	MAX PSI 73°F	FEET PER PALLET	PERCENT OF TL	PART NO.
	1"	1.315	.915	.200	45.21	360	2600	1.5	43350
	1¼	1.660	1.230	.215	63.12	300	2000	1.6	43370
	1½	1.900	1.450	.225	76.61	270	2360	2.7	43380
	2	2.375	1.875	.250	108.10	240	1860	3.3	43390

STANDARD LENGTH 20 FT. PROTECTIVE END CAPS PLACED ON ALL THREADED PIPE.

CRESLINE – NORTHWEST, LLC.

CORPORATE HEADQUARTERS: 600 CROSS POINTE BOULEVARD • EVANSVILLE, IN 47715 • TELEPHONE (812) 428-9300
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PVC THREADED DROP PIPE DEPTH GUIDELINES

PVC THREADED SCHEDULE 80 PIPE HORSEPOWER RATINGS - DEPTH CHART						
SIZE	MAX HP	RECOMMENDED FITTINGS	PUMPING LIMITATIONS - BASED ON SHUT-OFF SWITCH			TORQUE ARRESTOR
			40 PSI	50 PSI	60 PSI	
1"	1.5	EXTRUDED COUPLINGS	610'	590'	570'	USE OVER 150'
1 1/4"	2	EXTRUDED COUPLINGS	475'	455'	435'	USE OVER 150'
1 1/2"	5	STEEL OR BRASS COUPLINGS	435'	415'	395'	USE OVER 150'
2"	7.5	STEEL OR BRASS COUPLINGS	350'	325'	300'	USE OVER 150'

PVC THREADED SCHEDULE 120 PIPE HORSEPOWER RATINGS - DEPTH CHART						
SIZE	MAX HP	RECOMMENDED FITTINGS	PUMPING LIMITATIONS - BASED ON SHUT-OFF SWITCH			TORQUE ARRESTOR
			40 PSI	50 PSI	60 PSI	
1"	1.5	EXTRUDED COUPLINGS	700'	675'	650'	USE OVER 150'
1 1/4"	2	EXTRUDED COUPLINGS	570'	545'	520'	USE OVER 150'
1 1/2"	5	STEEL OR BRASS COUPLINGS	500'	480'	460'	USE OVER 150'
2"	7.5	STEEL OR BRASS COUPLINGS	435'	415'	395'	USE OVER 150'

SCH 80 IPS Pressure Drop Of Water Per 100 Ft. Of Pipe

SIZE	1"		1 1/4"		1 1/2"		2"	
	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.
1	.45	.05						
2	.89	.19	.50	.05				
3	1.34	.40	.75	.10	.54	.04		
4	1.78	.69	1.00	.17	.73	.08		
5	2.23	1.04	1.25	.25	.91	.12		
6	2.68	1.45	1.50	.35	1.09	.16	.65	.05
8	3.57	2.47	2.00	.60	1.45	.28	.87	.08
10	4.46	3.73	2.50	.91	1.81	.42	1.09	.12
15	6.69	7.91	3.75	1.93	2.72	.89	1.63	.25
20	8.92	13.46	5.00	3.29	3.63	1.51	2.17	.43
25	11.15	20.34	6.25	4.97	4.54	2.28	2.72	.65
30			7.50	6.97	5.45	3.20	3.26	.92
35			8.75	9.27	6.35	4.25	3.80	1.22
40			10.00	11.87	7.26	5.45	4.35	1.56
45					8.17	6.77	4.89	1.94
50					9.08	8.23	5.43	2.36
60					10.89	11.53	6.52	3.31
70							7.61	4.40
80							8.69	5.63
90							9.78	7.00
100							10.87	8.51

SCH 120 IPS Pressure Drop Of Water Per 100 Ft. Of Pipe

SIZE	1"		1 1/4"		1 1/2"		2"	
	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.	VELOCITY FEET PER SECOND	PRESSURE DROP POUNDS PER SQ. IN.
1	.55	.08						
2	1.10	.29	.59	.07				
3	1.65	.61	.89	.15				
4	2.20	1.03	1.19	.26	.85	.11		
5	2.75	1.56	1.49	.39	1.06	.17	.62	.05
6	3.30	2.19	1.78	.54	1.27	.24	.75	.07
8	4.40	3.73	2.38	.92	1.69	.40	1.00	.11
10	5.55	5.64	2.97	1.39	2.12	.61	1.25	.17
15	8.25	11.96	4.46	2.95	3.17	1.29	1.87	.36
20	11.00	20.37	5.94	5.03	4.23	2.20	2.50	.61
25			7.43	7.60	5.29	3.33	3.12	.92
30			8.91	10.65	6.35	4.66	3.75	1.29
35			10.40	14.17	7.40	6.20	4.37	1.72
40					8.46	7.95	5.00	2.21
45					9.52	9.88	5.62	2.74
50					10.58	12.01	6.25	3.33
60							7.49	4.67
70							8.74	6.22
80							9.99	7.96
90							11.20	9.90

PVC WW25 MACHINED COUPLING			
SIZE	PART NO.	QTY.	
1	85250	10/100	
1 1/4	85252	10/100	
1 1/2	85253	10	
2	85254	10	
FPT x FPT			

304 STAINLESS COUPLING			
SIZE	PART NO.	QTY.	
1	85256	50	
1 1/4	85258	50	
1 1/2	85257	60	
2	85260	36	
FPT x FPT			

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