

## WEHOLITE SIZES & DIMENSIONS

### DATA SHEET

#### Major Dimensions:

	NPS		OD ave		OD max		ID min		Shipping Weight		Burial Depth min <sup>1</sup>		Unconstrained Pipe Wall Buckling <sup>2</sup>	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(ft)	(m)	(kPa)	(psi)
<b>RSC100</b>	36	910	39.7	1010	40.3	1023	35.6	905	35	52	2.5	0.8	28	4.1
	40	1020	43.7	1111	44.3	1125	39.6	1006	39	58	3.0	0.9	21	3.0
	42	1070	46.5	1182	47.2	1199	41.6	1056	48	72	3.7	1.1	17	2.4
	48	1220	52.5	1334	53.2	1351	47.5	1207	55	82	3.7	1.1	15	2.1
	54	1370	59.0	1500	59.8	1519	53.5	1358	70	104	4.0	1.2	13	1.9
	60	1520	65.0	1652	65.9	1673	59.4	1509	80	119	4.1	1.2	12	1.7
	66	1680	71.5	1816	72.4	1839	65.3	1660	90	134	4.2	1.3	11	1.6
	72	1830	78.2	1986	79.2	2012	71.3	1811	110	164	4.5	1.4	10	1.5
	78	1980	84.2	2139	85.3	2166	77.2	1961	120	179	4.5	1.4	9	1.4
	84	2130	90.2	2291	91.3	2319	83.2	2112	130	194	4.5	1.4	9	1.3
	90	2290	96.9	2461	98.1	2492	89.1	2263	150	224	4.8	1.5	8	1.2
	96	2440	102.9	2613	104.2	2646	95.0	2414	160	239	4.8	1.5	8	1.1
102	2590	109.6	2783	110.9	2818	101.0	2565	180	268	5.0	1.5	8	1.2	
108	2740	115.6	2935	117.0	2972	106.9	2716	200	298	5.1	1.5	7	1.0	
120	3050	128.3	3258	129.8	3298	118.8	3018	240	358	5.3	1.6	6	0.9	
<b>RSC160</b>	18	460	20.4	518	20.8	529	17.8	451	18	27	1.3	0.4	78	11.4
	19.5	495	22.2	564	22.7	576	19.2	488	19	28	1.7	0.5	62	9.0
	21	530	23.7	602	24.2	615	20.7	526	21	31	1.8	0.5	50	7.3
	24	610	27.1	688	27.6	702	23.7	601	24	36	1.8	0.6	58	8.5
	27	690	30.4	773	31.0	788	26.6	676	27	40	1.8	0.6	53	7.7
	30	760	33.7	857	34.3	871	29.6	752	30	45	1.9	0.6	47	6.8
	33	840	36.7	933	38.1	968	32.6	829	38	57	2.1	0.6	62	9.0
	36	910	40.5	1029	41.1	1044	35.6	905	42	63	2.7	0.8	30	4.4
	40	1020	44.5	1131	45.1	1145	39.6	1006	46	69	2.7	0.8	27	4.0
	42	1070	47.0	1195	47.7	1211	41.6	1056	52	78	2.9	0.9	26	3.8
	48	1220	53.0	1347	53.8	1365	47.5	1207	60	89	2.9	0.9	23	3.4
	54	1370	59.5	1511	60.3	1532	53.5	1358	70	104	3.1	0.9	21	3.1
	60	1520	66.2	1681	67.1	1704	59.4	1509	90	134	3.3	1.0	19	2.8
	66	1680	72.2	1834	73.1	1858	65.3	1660	100	149	3.3	1.0	18	2.6
	72	1830	78.9	2004	79.9	2030	71.3	1811	120	179	3.5	1.1	16	2.3
	78	1980	85.6	2173	86.7	2202	77.2	1961	150	224	3.8	1.1	15	2.2
	84	2130	91.6	2326	92.8	2356	83.2	2112	160	239	3.8	1.1	14	2.0
	90	2290	97.6	2478	98.8	2510	89.1	2263	170	253	3.8	1.1	13	1.9
96	2440	104.3	2648	105.6	2682	95.0	2414	190	283	3.9	1.2	12	1.8	
102	2590	110.9	2818	112.4	2854	101.0	2565	215	321	4.3	1.3	13	1.9	
108	2740	116.9	2970	118.4	3008	106.9	2716	240	358	4.3	1.3	11	1.6	
120	3050	129.6	3293	131.3	3334	118.8	3018	280	417	4.3	1.3	10	1.5	
132	3355	143.0	3632	144.8	3679	130.7	3319	330	492	4.3	1.3	12	1.8	

<sup>1</sup> The minimum burial depths are based on Infra Pipe Technical Services Bulletin for shallow cover. For maximum burial depths of Weholite refer to Infra Pipe web tools calculator available at [infrapipe.com](http://infrapipe.com).

<sup>2</sup> Factor of Safety used in calculations is 1.5. Pipe ovality is assumed not to exceed 2%. Poisson's ratio of 0.35 has been used. 10 hr / 100° F material modulus of elasticity value of 46,900 psi has been used. Use PPI's Engineering Handbook, Chapter 6 to determine 'collapse resistance' characteristics at temperatures and load durations different from those indicated above.

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**Major Dimensions (continued):**

	NPS		OD ave		OD max		ID min		Shipping Weight		Burial Depth min <sup>1</sup>		Unconstrained Pipe Wall Buckling <sup>2</sup>	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(ft)	(m)	(kPa)	(psi)
<b>RSC250</b>	33	840	37.5	953	38.1	968	32.6	829	47	70	1.7	0.5	70	10.2
	36	910	40.5	1029	41.1	1044	35.6	905	51	76	1.9	0.6	47	6.8
	40	1020	45.0	1144	45.7	1160	39.6	1006	60	89	2.1	0.6	43	6.2
	42	1070	47.3	1201	48.0	1218	41.6	1056	70	104	2.2	0.7	41	5.9
	48	1220	53.5	1359	54.2	1378	47.5	1207	80	119	2.2	0.7	36	5.3
	54	1370	60.2	1529	61.0	1550	53.5	1358	90	134	2.4	0.7	33	4.7
	60	1520	66.9	1699	67.8	1722	59.4	1509	100	149	2.6	0.8	30	4.3
	66	1680	73.6	1869	74.6	1894	65.3	1660	120	179	2.8	0.8	27	3.9
	72	1830	80.3	2039	81.4	2066	71.3	1811	150	224	2.9	0.9	25	3.6
	78	1980	86.3	2191	87.4	2220	77.2	1961	160	239	2.9	0.9	23	3.4
	84	2130	92.9	2361	94.2	2393	83.2	2112	190	283	3.1	0.9	22	3.2
	90	2290	98.9	2513	100.3	2546	89.1	2263	200	298	3.1	0.9	21	3.0
	96	2440	105.6	2683	107.0	2719	95.0	2414	230	343	3.1	1.0	19	2.8
	102	2590	112.3	2853	113.8	2891	101.0	2565	250	373	3.2	1.0	20	3.0
108	2740	118.3	3005	119.9	3045	106.9	2716	270	403	3.4	1.0	17	2.5	
<b>RSC400</b>	120	3050	131.0	3328	132.7	3371	118.8	3018	330	492	3.5	1.1	16	2.3
	132	3355	144.4	3667	146.3	3715	130.7	3319	370	552	3.9	1.2	16	2.2
	90	2290	100.3	2548	101.7	2583	89.1	2263	220	328	2.4	0.7	33	4.7
	96	2440	107.0	2718	108.5	2755	95.0	2414	250	373	2.5	0.8	31	4.5
	102	2590	114.4	2905	116.0	2946	101.0	2565	290	432	2.8	0.8	32	4.7
	108	2740	120.4	3058	122.0	3100	106.9	2716	330	492	2.8	0.8	27	4.0
120	3050	133.8	3398	135.6	3444	118.8	3018	410	611	2.9	0.9	25	3.6	