

Line Pipe Load Chart

STD WALL		XH WALL			Pyramid Loaded								Strip Loaded							
					Double Random Lengths (DRLs)				Triple Random Lengths (TRLs)				Double Random Lengths (DRLs)				Triple Random Lengths (TRLs)			
					FB14		ARO		FB14		ARO		FB14		ARO		FB14		ARO	
Nominal Pipe Size (Actual Size)	Wall Thickness	SCH	FB14 Lbs/ft	ARO Lbs/ft	Jts/trk	Ft/trk	Jts/trk	Ft/trk	Jts/trk	Ft/trk	Jts/trk	Ft/trk	Jts / trk	Ft/trk	Jts / trk	Ft/trk	Jts / trk	Ft/trk	Jts / trk	Ft/trk
2" (2.375")	0.154	40	3.73	3.78	297	12,466	293	12,302	n/a	n/a	n/a	n/a	297	12,466	293	12,302	n/a	n/a	n/a	n/a
	0.218	80	5.10	5.15	217	9,118	215	9,029	n/a	n/a	n/a	n/a	217	9,118	215	9,029	n/a	n/a	n/a	n/a
	0.344	160	7.54	7.59	147	6,167	146	6,126	n/a	n/a	n/a	n/a	147	6,167	146	6,126	n/a	n/a	n/a	n/a
3" (3.5")	0.156		5.68	5.75	195	8,187	193	8,087	n/a	n/a	n/a	n/a	195	8,187	193	8,087	n/a	n/a	n/a	n/a
	0.188		6.76	6.83	164	6,879	162	6,808	n/a	n/a	n/a	n/a	164	6,879	162	6,808	n/a	n/a	n/a	n/a
	0.216	40	7.68	7.75	144	6,055	143	6,000	n/a	n/a	n/a	n/a	144	6,055	143	6,000	n/a	n/a	n/a	n/a
	0.300	80	10.36	10.43	107	4,488	106	4,458	n/a	n/a	n/a	n/a	107	4,488	106	4,458	n/a	n/a	n/a	n/a
4" (4.5")	0.156		7.37	7.46	150	6,309	148	6,233	n/a	n/a	n/a	n/a	150	6,309	148	6,233	n/a	n/a	n/a	n/a
	0.188		8.80	8.89	126	5,284	125	5,231	n/a	n/a	n/a	n/a	126	5,284	125	5,231	n/a	n/a	n/a	n/a
	0.237	40	10.93	11.02	101	4,254	100	4,220	n/a	n/a	n/a	n/a	101	4,254	100	4,220	n/a	n/a	n/a	n/a
	0.337	80	15.13	15.22	73	3,073	73	3,055	n/a	n/a	n/a	n/a	73	3,073	73	3,055	n/a	n/a	n/a	n/a
6" (6.625")	0.188		13.14	13.27	84	3,539	83	3,504	n/a	n/a	n/a	n/a	84	3,539	83	3,504	n/a	n/a	n/a	n/a
	0.219		15.20	15.33	73	3,059	72	3,033	n/a	n/a	n/a	n/a	73	3,059	72	3,033	n/a	n/a	n/a	n/a
	0.250	20	17.24	17.37	64	2,697	64	2,677	n/a	n/a	n/a	n/a	64	2,697	64	2,677	n/a	n/a	n/a	n/a
	0.280	40	19.19	19.32	58	2,423	57	2,407	n/a	n/a	n/a	n/a	58	2,423	57	2,407	n/a	n/a	n/a	n/a
	0.432	80	28.80	28.93	38	1,615	38	1,607	n/a	n/a	n/a	n/a	38	1,615	38	1,607	n/a	n/a	n/a	n/a
8" (8.625")	0.188		17.22	17.39	62	2,604	62	2,604	n/a	n/a	n/a	n/a	63	2,646	63	2,646	n/a	n/a	n/a	n/a
	0.219		19.94	20.11	53	2,226	53	2,226	n/a	n/a	n/a	n/a	54	2,268	54	2,268	n/a	n/a	n/a	n/a
	0.250	20	22.64	22.81	46	1,932	46	1,932	30	1,800	30	1,800	48	2,016	48	2,016	30	1,800	30	1,800
	0.322	40	28.84	29.01	37	1,554	37	1,554	24	1,440	24	1,440	37	1,554	37	1,554	24	1,440	24	1,440
	0.500	80	43.69	43.86	24	1,008	24	1,008	16	960	15	900	24	1,008	24	1,008	16	960	15	900
10" (10.75")	0.188		21.55	21.76	44	1,848	44	1,848	32	1,920	32	1,920	50	2,100	50	2,100	32	1,920	32	1,920
	0.219		24.97	25.18	42	1,764	42	1,764	28	1,680	27	1,620	43	1,806	43	1,806	28	1,680	27	1,620
	0.250	20	28.38	28.59	37	1,554	37	1,554	24	1,440	24	1,440	38	1,596	38	1,596	24	1,440	24	1,440
	0.307	30	34.59	34.80	32	1,344	32	1,344	20	1,200	20	1,200	32	1,344	32	1,344	20	1,200	20	1,200
	0.365	40	40.84	41.05	25	1,050	25	1,050	17	1,020	17	1,020	26	1,134	26	1,092	17	1,020	17	1,020
	0.500	60	55.11	55.32	19	798	19	798	12	720	12	720	19	840	19	798	12	720	12	720
12" (12.75")	0.188		25.63	25.88	27	1,134	27	1,134	27	1,620	27	1,620	35	1,470	35	1,470	27	1,620	27	1,620
	0.219		29.72	29.97	27	1,134	27	1,134	23	1,380	23	1,380	35	1,470	35	1,470	23	1,380	23	1,380
	0.250	20	33.79	34.04	27	1,134	27	1,134	20	1,200	20	1,200	32	1,344	32	1,344	20	1,200	20	1,200
	0.281		37.84	38.09	27	1,134	27	1,134	18	1,080	18	1,080	29	1,218	29	1,218	18	1,080	18	1,080
	0.312		41.86	42.11	26	1,092	26	1,092	16	960	16	960	26	1,092	26	1,092	16	960	16	960
	0.330	30	44.19	44.44	23	966	23	966	15	900	15	900	24	1,008	24	1,008	15	900	15	900
	0.375		49.99	50.24	22	924	22	924	14	840	13	780	21	882	21	882	14	840	13	780
	0.406	40	53.95	54.2	20	840	20	840	12	720	12	720	20	840	20	840	12	720	12	720
16" (16")	0.250	10	42.57	42.89	20	840	20	840	16	960	16	960	25	1,050	25	1,050	16	960	16	960
	0.312	20	52.80	53.12	20	840	20	840	13	780	13	780	20	840	20	840	13	780	13	780
	0.375	30	63.12	63.44	16	672	16	672	11	660	11	660	17	714	17	714	11	660	11	660
	0.500	40	83.33	83.65	12	504	12	504	8	480	8	480	12	504	12	504	8	480	8	480
	0.250	10	53.37	53.76	9	378	9	378	13	780	13	780	16	672	16	672	13	780	13	780
20" (20")	0.312		66.25	66.64	9	378	9	378	10	600	10	600	16	672	16	672	10	600	10	600
	0.375	20	79.28	79.67	14	587	14	584	8	480	8	480	13	546	13	546	8	480	8	480
	0.500	30	104.82	105.21	11	444	11	442	6	360	6	360	10	420	10	420	6	360	6	360
	0.250	10	64.14	64.63	9	378	9	378	10	600	10	600	12	504	12	504	10	600	10	600
24" (24")	0.312		79.60	80.84	9	378	9	378	8	480	8	480	12	504	12	504	8	480	8	480
	0.375	20	95.38	96.54	9	378	9	378	7	420	7	420	11	462	11	462	7	420	7	420
	0.500		126.28	126.77	8	336	8	336	5	300	5	300	8	336	8	336	5	300	5	300

*Truckload Quantity based on 102" trailers with average length of pipe 42' and weight 46,500 #s.