

WEIGHT and LOAD CHARTS

NOMINAL SIZE	WALL	SCHEDULE	PIPE WEIGHT per FOOT	COATING WEIGHTS per FOOT			PIPE + COATING WEIGHT per FOOT			--Joints per Truckload		
				FBE	TGF-3	X-Trucoat	FBE	TGF-3	X-Trucoat	# of JTS. BEDDED	PYRAMID LOADED	STRIP LOADED
2"	0.125		3.01	0.077	0.570	0.130	3.08	3.58	3.14	39	356	356
2"	0.154	40/STD	3.66	0.077	0.570	0.130	3.73	4.23	3.79	39	293	293
2"	0.218	80/XH	5.03	0.077	0.570	0.130	5.10	5.60	5.16	39	213	213
2"	0.343	160	7.45	0.077	0.570	0.130	7.53	8.02	7.58	39	144	144
2-1/2"	0.125		3.67	0.093	0.690	0.160	3.77	4.36	3.83	32	292	292
2-1/2"	0.203	40/STD	5.80	0.093	0.690	0.160	5.89	6.49	5.96	32	185	185
2-1/2"	0.276	80/XH	7.67	0.093	0.690	0.160	7.76	8.36	7.83	32	140	140
2-1/2"	0.375	160	10.02	0.093	0.690	0.160	10.11	10.71	10.18	32	107	107
3"	0.125		4.51	0.113	0.840	0.220	4.62	5.35	4.73	26	238	238
3"	0.156		5.58	0.113	0.840	0.220	5.69	6.42	5.80	26	192	192
3"	0.188		6.66	0.113	0.840	0.220	6.77	7.50	6.88	26	161	161
3"	0.216	40/STD	7.58	0.113	0.840	0.220	7.70	8.42	7.80	26	141	141
3"	0.300	80/XH	10.26	0.113	0.840	0.220	10.38	11.10	10.48	26	104	104
3"	0.438	160	14.34	0.113	0.840	0.220	14.45	15.18	14.56	26	75	75
3-1/2"	0.226	40/STD	9.12	0.129	0.960	0.250	9.25	10.08	9.37	22	118	118
3-1/2"	0.318	80/XH	12.52	0.129	0.960	0.250	12.65	13.48	12.77	22	86	86
4"	0.125		5.85	0.145	1.080	0.280	5.99	6.93	6.13	20	183	183
4"	0.156		7.24	0.145	1.080	0.280	7.39	8.32	7.52	20	148	148
4"	0.188		8.67	0.145	1.080	0.280	8.81	9.75	8.95	20	124	124
4"	0.237	40/STD	10.80	0.145	1.080	0.280	10.95	11.88	11.08	20	99	99
4"	0.337	80/XH	15.00	0.145	1.080	0.280	15.14	16.08	15.28	20	71	71
4"	0.438	120	19.02	0.145	1.080	0.280	19.16	20.10	19.30	20	56	56
4-1/2"	0.247	STD	12.55	0.145	1.080	0.280	12.69	13.63	12.83	18	85	85
4-1/2"	0.355	XH	17.63	0.145	1.080	0.280	17.77	18.71	17.91	18	61	61
5"	0.258	40/STD	14.63	0.185	1.320	0.370	14.82	15.95	15.00	16	73	73
5"	0.375	80/XH	20.80	0.185	1.320	0.370	20.98	22.12	21.17	16	52	52
5"	0.500	120	27.06	0.185	1.320	0.370	27.25	28.38	27.43	16	40	40
6"	0.125		8.69	0.214	1.570	0.450	8.90	10.26	9.14	13	90	123
6"	0.156		10.79	0.214	1.570	0.450	11.00	12.36	11.24	13	90	99
6"	0.188		12.94	0.214	1.570	0.450	13.15	14.51	13.39	13	83	83
6"	0.219		15.00	0.214	1.570	0.450	15.21	16.57	15.45	13	71	71
6"	0.250		17.04	0.214	1.570	0.450	17.25	18.61	17.49	13	63	63
6"	0.280	40/STD	18.99	0.214	1.570	0.450	19.21	20.56	19.44	13	56	56
6"	0.432	80/XH	28.60	0.214	1.570	0.450	28.81	30.17	29.05	13	37	37
6"	0.562	120	36.43	0.214	1.570	0.450	36.64	38.00	36.88	13	29	29
8"	0.156		14.12	0.278	2.040	0.590	14.40	16.16	14.71	10	54	76
8"	0.188		16.96	0.278	2.040	0.590	17.23	19.00	17.55	10	54	63
8"	0.219		19.68	0.278	2.040	0.590	19.96	21.72	20.27	10	54	54
8"	0.250	20	22.38	0.278	2.040	0.590	22.66	24.42	22.97	10	48	48
8"	0.277	30	24.72	0.278	2.040	0.590	25.00	26.76	25.31	10	43	43
8"	0.322	40/STD	28.58	0.278	2.040	0.590	28.86	30.62	29.17	10	37	37
8"	0.500	80/XH	43.43	0.278	2.040	0.590	43.71	45.47	44.02	10	25	25
8"	0.594	100	51.00	0.278	2.040	0.590	51.27	53.04	51.59	10	21	21
10"	0.188		21.23	0.347	2.540	0.730	21.57	23.77	21.96	8	35	50
10"	0.219		24.65	0.347	2.540	0.730	25.00	27.19	25.38	8	35	43
10"	0.250	20	28.06	0.347	2.540	0.730	28.41	30.60	28.79	8	35	38
10"	0.279		31.23	0.347	2.540	0.730	31.58	33.77	31.96	8	34	34
10"	0.307	30	34.27	0.347	2.540	0.730	34.62	36.81	35.00	8	31	31
10"	0.365	40/STD	40.52	0.347	2.540	0.730	40.87	43.06	41.25	8	26	26
10"	0.500	60/XH	54.79	0.347	2.540	0.730	55.13	57.33	55.52	8	20	20
10"	0.594	80	64.49	0.347	2.540	0.730	64.84	67.03	65.22	8	17	17

Above calculations are based upon the following:

- 1) Loading 45,000#/s maximum/truck.
- 2) Trailer width of 96"(Some trailers are 102").
- 3) The maximum load height is 13'6".
- 4) The pipe & coating weights are theoretical.

Please verify for each individual requirement.

WEIGHT and LOAD CHARTS

NOMINAL SIZE	WALL	SCHEDULE	PIPE WEIGHT per FOOT	COATING WEIGHTS per FOOT			PIPE + COATING WEIGHT per FOOT			_Joints per Truckload		
				FBE	TGF-3	X-Trucoat	FBE	TGF-3	X-Trucoat	# of JTS. BEDDED	PYRAMID LOADED	STRIP LOADED
				12"	0.188		25.25	0.411	3.000	0.870	25.66	28.25
12"	0.219		29.34	0.411	3.000	0.870	29.75	32.34	30.21	7	27	37
12"	0.250	20	33.41	0.411	3.000	0.870	33.82	36.41	34.28	7	27	32
12"	0.281		37.46	0.411	3.000	0.870	37.87	40.46	38.33	7	27	29
12"	0.312		41.48	0.411	3.000	0.870	41.90	44.48	42.35	7	26	26
12"	0.330	30	43.81	0.411	3.000	0.870	44.23	46.81	44.68	7	24	24
12"	0.375	STD	49.61	0.411	3.000	0.870	50.02	52.61	50.48	7	22	22
12"	0.406	40	53.57	0.411	3.000	0.870	53.99	56.57	54.44	7	20	20
12"	0.500	XH	65.48	0.411	3.000	0.870	65.89	68.48	66.35	7	16	16
12"	0.562	60	73.22	0.411	3.000	0.870	73.63	76.22	74.09	7	15	15
12"	0.688	80	88.71	0.411	3.000	0.870	89.12	91.71	89.58	7	12	12
14"	0.188	10	27.76	0.451	3.290	0.960	28.21	31.05	28.72	6	20	36
14"	0.219		32.26	0.451	3.290	0.960	32.71	35.55	33.22	6	20	33
14"	0.250	10	36.75	0.451	3.290	0.960	37.20	40.04	37.71	6	20	29
14"	0.312	20	45.65	0.451	3.290	0.960	46.10	48.94	46.61	6	20	23
14"	0.375	30/STD	54.62	0.451	3.290	0.960	55.07	57.91	55.58	6	20	20
14"	0.438	40	63.50	0.451	3.290	0.960	63.95	66.79	64.46	6	17	17
14"	0.500	XH	72.16	0.451	3.290	0.960	72.61	75.45	73.12	6	15	15
14"	0.594	60	85.13	0.451	3.290	0.960	85.58	88.42	86.09	6	13	13
16"	0.219		36.95	0.516	3.770	1.100	37.46	40.72	38.05	6	20	29
16"	0.250	10	42.09	0.516	3.770	1.100	42.61	45.86	43.19	6	20	25
16"	0.281		47.22	0.516	3.770	1.100	47.73	50.99	48.32	6	20	23
16"	0.312	20	52.32	0.516	3.770	1.100	52.84	56.09	53.42	6	20	20
16"	0.375	30/STD	62.64	0.516	3.770	1.100	63.15	66.41	63.74	6	17	17
16"	0.500	40/XH	82.85	0.516	3.770	1.100	83.36	86.62	83.95	6	13	13
16"	0.656	60	107.60	0.516	3.770	1.100	108.12	111.37	108.70	6	10	10
18"	0.250	10	47.44	0.580	4.240	1.440	48.02	51.68	48.88	5	14	20
18"	0.312	20	58.99	0.580	4.240	1.440	59.57	63.23	60.43	5	14	18
18"	0.375	STD	70.65	0.580	4.240	1.440	71.23	74.89	72.09	5	14	15
18"	0.500	XH	93.54	0.580	4.240	1.440	94.12	97.78	94.98	5	11	11
18"	0.562	40	104.76	0.580	4.240	1.440	105.34	109.00	106.20	5	10	10
18"	0.750	60	138.30	0.580	4.240	1.440	138.88	142.54	139.74	5	8	8
20"	0.250	10	52.78	0.645	4.690	1.600	53.43	57.47	54.38	5	14	20
20"	0.312		65.66	0.645	4.690	1.600	66.31	70.35	67.26	5	14	16
20"	0.375	20/STD	78.67	0.645	4.690	1.600	79.32	83.36	80.27	5	14	14
20"	0.500	30/XH	104.23	0.645	4.690	1.600	104.87	108.92	105.83	5	10	10
20"	0.594	40	123.23	0.645	4.690	1.600	123.87	127.92	124.83	5	9	9
20"	0.750		154.34	0.645	4.690	1.600	154.98	159.03	155.94	5	7	7
22"	0.250	10	58.13	0.710	5.160	1.900	58.84	63.29	60.03	4	9	16
22"	0.375	20/STD	86.69	0.710	5.160	1.900	87.40	91.85	88.59	4	9	12
22"	0.500	30/XH	114.92	0.710	5.160	1.900	115.63	120.08	116.82	4	9	9
22"	0.688	40	156.74	0.710	5.160	1.900	157.45	161.90	158.64	4	7	7
22"	0.750		170.37	0.710	5.160	1.900	171.08	175.53	172.27	4	6	6
24"	0.250	10	63.47	0.774	5.630	2.100	64.25	69.10	65.57	4	9	12
24"	0.312		79.01	0.774	5.630	2.100	79.78	84.64	81.11	4	9	12
24"	0.375	20/STD	94.71	0.774	5.630	2.100	95.48	100.34	96.81	4	9	11
24"	0.500	XH	125.61	0.774	5.630	2.100	126.38	131.24	127.71	4	9	9
24"	0.562	30	140.81	0.774	5.630	2.100	141.58	146.44	142.91	4	8	8
24"	0.688	40	171.45	0.774	5.630	2.100	172.23	177.08	173.55	4	6	6
24"	0.750		186.41	0.774	5.630	2.100	187.18	192.04	188.51	4	6	6

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- 1) Loading 45,000#/s maximum/truck.
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- 3) The maximum load height is 13'6".
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