Casingjacks

Casingjacks LLC | sales@casingjack.com

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
4.5	9.5	J-55	2.7661	0.14461	6,915	1,784.57	2.7091	369.1
4.5	9.5	K-55	2.7661	0.14461	6,915	1,784.57	2.7091	369.1
4.5	9.5	M-65	2.7661	0.14461	6,915	1,784.57	2.7091	369.1
4.5	10.5	J-55	3.0091	0.13293	7,523	1,941.35	2.4903	401.6
4.5	10.5	K-55	3.0091	0.13293	7,523	1,941.35	2.4903	401.6
4.5	10.5	M-65	3.0091	0.13293	7,523	1,941.35	2.4903	401.6
4.5	11.6	J-55	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	K-55	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	M-65	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	L-80	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	N-80	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	C-90	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	C-95	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	T-95	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	11.6	P-110	3.3379	0.11983	8,345	2,153.51	2.245	445.4
4.5	13.5	M-65	3.8356	0.10429	9,589	2,474.56	1.9537	511.8
4.5	13.5	L-80	3.8356	0.10429	9,589	2,474.56	1.9537	511.8
4.5	13.5	N-80	3.8356	0.10429	9,589	2,474.56	1.9537	511.8
4.5	13.5	C-90	3.8356	0.10429	9,589	2,474.56	1.9537	511.8
4.5	13.5	C-95	3.8356	0.10429	9,589	2,474.56	1.9537	511.8
4.5	13.5	T-95	3.8356	0.10429	9,589	2,474.56	1.9537	511.8
4.5	13.5	P-110	3.8356	0.10429	9,589	2,474.56	1.9537	511.8
4.5	15.1	L-80	4.4074	0.09076	11,019	2,843.5	1.7002	588.2
4.5	15.1	P-110	4.4074	0.09076	11,019	2,843.5	1.7002	588.2
4.5	15.1	Q-125	4.4074	0.09076	11,019	2,843.5	1.7002	588.2

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
5	11.5	J-55	3.3037	0.12108	8,259	2,131.41	2.2683	440.9
5	11.5	K-55	3.3037	0.12108	8,259	2,131.41	2.2683	440.9
5	11.5	M-65	3.3037	0.12108	8,259	2,131.41	2.2683	440.9
5	13	J-55	3.773	0.10602	9,433	2,434.2	1.9861	503.5
5	13	K-55	3.773	0.10602	9,433	2,434.2	1.9861	503.5
5	13	M-65	3.773	0.10602	9,433	2,434.2	1.9861	503.5
5	15	J-55	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	K-55	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	M-65	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	L-80	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	N-80	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	C-90	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	C-95	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	T-95	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	15	P-110	4.3743	0.09144	10,936	2,822.13	1.7131	583.7
5	18	M-65	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	18	L-80	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	18	N-80	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	18	C-90	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	18	C-95	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	18	T-95	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	18	P-110	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	18	Q-125	5.2746	0.07584	13,186	3,402.96	1.4207	703.9
5	21.4	L-80	6.2644	0.06385	15,661	4,041.56	1.1962	836
5	21.4	N-80	6.2644	0.06385	15,661	4,041.56	1.1962	836

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
5	21.4	C-90	6.2644	0.06385	15,661	4,041.56	1.1962	836
5	21.4	C-95	6.2644	0.06385	15,661	4,041.56	1.1962	836
5	21.4	T-95	6.2644	0.06385	15,661	4,041.56	1.1962	836
5	21.4	P-110	6.2644	0.06385	15,661	4,041.56	1.1962	836
5	21.4	Q-125	6.2644	0.06385	15,661	4,041.56	1.1962	836
5	23.2	L-80	6.7906	0.0589	16,977	4,381.03	1.1035	906.2
5	23.2	N-80	6.7906	0.0589	16,977	4,381.03	1.1035	906.2
5	23.2	C-90	6.7906	0.0589	16,977	4,381.03	1.1035	906.2
5	23.2	C-95	6.7906	0.0589	16,977	4,381.03	1.1035	906.2
5	23.2	T-95	6.7906	0.0589	16,977	4,381.03	1.1035	906.2
5	23.2	P-110	6.7906	0.0589	16,977	4,381.03	1.1035	906.2
5	23.2	Q-125	6.7906	0.0589	16,977	4,381.03	1.1035	906.2
5	24.1	L-80	7.0686	0.05659	17,671	4,560.37	1.0601	943.3
5	24.1	N-80	7.0686	0.05659	17,671	4,560.37	1.0601	943.3
5	24.1	C-90	7.0686	0.05659	17,671	4,560.37	1.0601	943.3
5	24.1	C-95	7.0686	0.05659	17,671	4,560.37	1.0601	943.3
5	24.1	T-95	7.0686	0.05659	17,671	4,560.37	1.0601	943.3
5	24.1	P-110	7.0686	0.05659	17,671	4,560.37	1.0601	943.3
5	24.1	Q-125	7.0686	0.05659	17,671	4,560.37	1.0601	943.3
5.5	15.5	J-55	4.5141	0.08861	11,285	2,912.3	1.6601	602.4
5.5	15.5	K-55	4.5141	0.08861	11,285	2,912.3	1.6601	602.4
5.5	15.5	M-65	4.5141	0.08861	11,285	2,912.3	1.6601	602.4
5.5	17	J-55	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	K-55	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	M-65	4.9624	0.08061	12,406	3,201.55	1.5101	662.2

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
5.5	17	L-80	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	N-80	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	C-90	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	C-95	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	T-95	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	P-110	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	17	Q-125	4.9624	0.08061	12,406	3,201.55	1.5101	662.2
5.5	20	M-65	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	20	L-80	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	20	N-80	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	20	C-90	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	20	C-95	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	20	T-95	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	20	P-110	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	20	Q-125	5.8282	0.06863	14,571	3,760.13	1.2857	777.8
5.5	23	L-80	6.6296	0.06034	16,574	4,277.17	1.1303	884.7
5.5	23	N-80	6.6296	0.06034	16,574	4,277.17	1.1303	884.7
5.5	23	C-90	6.6296	0.06034	16,574	4,277.17	1.1303	884.7
5.5	23	C-95	6.6296	0.06034	16,574	4,277.17	1.1303	884.7
5.5	23	T-95	6.6296	0.06034	16,574	4,277.17	1.1303	884.7
5.5	23	P-110	6.6296	0.06034	16,574	4,277.17	1.1303	884.7
5.5	23	Q-125	6.6296	0.06034	16,574	4,277.17	1.1303	884.7
5.5	26	C-90	7.5129	0.05324	18,782	4,847.01	0.9974	1,002.6
5.5	26	C-95	7.5129	0.05324	18,782	4,847.01	0.9974	1,002.6
5.5	26	T-95	7.5129	0.05324	18,782	4,847.01	0.9974	1,002.6

Check every figure against your own pipe records before you pull.

Casingjacks

Casingjacks LLC | sales@casingjack.com

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
5.5	26	P-110	7.5129	0.05324	18,782	4,847.01	0.9974	1,002.6
5.5	26	Q-125	7.5129	0.05324	18,782	4,847.01	0.9974	1,002.6
5.5	26.8	C-90	7.854	0.05093	19,635	5,067.07	0.9541	1,048.1
5.5	26.8	T-95	7.854	0.05093	19,635	5,067.07	0.9541	1,048.1
5.5	29.7	C-90	8.7184	0.04588	21,796	5,624.77	0.8595	1,163.4
5.5	29.7	T-95	8.7184	0.04588	21,796	5,624.77	0.8595	1,163.4
5.5	32.6	C-90	9.572	0.04179	23,930	6,175.5	0.7829	1,277.4
5.5	32.6	T-95	9.572	0.04179	23,930	6,175.5	0.7829	1,277.4
5.5	35.3	C-90	10.3878	0.03851	25,969	6,701.78	0.7214	1,386.2
5.5	35.3	T-95	10.3878	0.03851	25,969	6,701.78	0.7214	1,386.2
5.5	38	C-90	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
5.5	38	T-95	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
5.5	40.5	C-90	11.959	0.03345	29,897	7,715.44	0.6266	1,595.9
5.5	40.5	T-95	11.959	0.03345	29,897	7,715.44	0.6266	1,595.9
5.5	43.1	C-90	12.7136	0.03146	31,784	8,202.33	0.5894	1,696.6
5.5	43.1	T-95	12.7136	0.03146	31,784	8,202.33	0.5894	1,696.6
5.625	26.7	L-80	7.7145	0.05185	19,286	4,977.08	0.9714	1,029.5
5.625	26.7	P-110	7.7145	0.05185	19,286	4,977.08	0.9714	1,029.5
5.75	18.1	J-55	5.2012	0.07691	13,003	3,355.59	1.4408	694.1
5.75	18.1	L-80	5.2012	0.07691	13,003	3,355.59	1.4408	694.1
5.75	18.1	N-80	5.2012	0.07691	13,003	3,355.59	1.4408	694.1
5.75	18.1	P-110	5.2012	0.07691	13,003	3,355.59	1.4408	694.1
5.75	19.7	J-55	5.6989	0.07019	14,247	3,676.72	1.3149	760.5
5.75	19.7	L-80	5.6989	0.07019	14,247	3,676.72	1.3149	760.5
5.75	19.7	N-80	5.6989	0.07019	14,247	3,676.72	1.3149	760.5

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
5.75	19.7	P-110	5.6989	0.07019	14,247	3,676.72	1.3149	760.5
5.75	21.8	L-80	6.3323	0.06317	15,831	4,085.33	1.1834	845
5.75	21.8	N-80	6.3323	0.06317	15,831	4,085.33	1.1834	845
5.75	21.8	P-110	6.3323	0.06317	15,831	4,085.33	1.1834	845
5.75	24.2	L-80	7.0328	0.05688	17,582	4,537.26	1.0655	938.5
5.75	24.2	N-80	7.0328	0.05688	17,582	4,537.26	1.0655	938.5
5.75	24.2	P-110	7.0328	0.05688	17,582	4,537.26	1.0655	938.5
6.625	20	H-40	5.7336	0.06976	14,334	3,699.08	1.307	765.1
6.625	20	J-55	5.7336	0.06976	14,334	3,699.08	1.307	765.1
6.625	20	K-55	5.7336	0.06976	14,334	3,699.08	1.307	765.1
6.625	20	M-65	5.7336	0.06976	14,334	3,699.08	1.307	765.1
6.625	24	J-55	6.9369	0.05766	17,342	4,475.44	1.0802	925.7
6.625	24	K-55	6.9369	0.05766	17,342	4,475.44	1.0802	925.7
6.625	24	M-65	6.9369	0.05766	17,342	4,475.44	1.0802	925.7
6.625	24	L-80	6.9369	0.05766	17,342	4,475.44	1.0802	925.7
6.625	24	C-90	6.9369	0.05766	17,342	4,475.44	1.0802	925.7
6.625	24	C-95	6.9369	0.05766	17,342	4,475.44	1.0802	925.7
6.625	24	P-110	6.9369	0.05766	17,342	4,475.44	1.0802	925.7
6.625	28	M-65	8.1328	0.04918	20,332	5,246.93	0.9214	1,085.3
6.625	28	L-80	8.1328	0.04918	20,332	5,246.93	0.9214	1,085.3
6.625	28	N-80	8.1328	0.04918	20,332	5,246.93	0.9214	1,085.3
6.625	28	C-90	8.1328	0.04918	20,332	5,246.93	0.9214	1,085.3
6.625	28	C-95	8.1328	0.04918	20,332	5,246.93	0.9214	1,085.3
6.625	28	P-110	8.1328	0.04918	20,332	5,246.93	0.9214	1,085.3
6.625	32	L-80	9.1774	0.04359	22,943	5,920.88	0.8165	1,224.7

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
6.625	32	N-80	9.1774	0.04359	22,943	5,920.88	0.8165	1,224.7
6.625	32	C-90	9.1774	0.04359	22,943	5,920.88	0.8165	1,224.7
6.625	32	C-95	9.1774	0.04359	22,943	5,920.88	0.8165	1,224.7
6.625	32	P-110	9.1774	0.04359	22,943	5,920.88	0.8165	1,224.7
6.625	32	Q-125	9.1774	0.04359	22,943	5,920.88	0.8165	1,224.7
7	20	H-40	5.7492	0.06958	14,373	3,709.13	1.3034	767.2
7	20	J-55	5.7492	0.06958	14,373	3,709.13	1.3034	767.2
7	20	K-55	5.7492	0.06958	14,373	3,709.13	1.3034	767.2
7	20	M-65	5.7492	0.06958	14,373	3,709.13	1.3034	767.2
7	23	J-55	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	23	K-55	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	23	M-65	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	23	L-80	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	23	N-80	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	23	C-90	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	23	C-95	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	23	T-95	6.6555	0.0601	16,639	4,293.86	1.1259	888.2
7	26	J-55	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	26	K-55	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	26	M-65	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	26	L-80	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	26	N-80	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	26	C-90	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	26	C-95	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	26	T-95	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4

Check every figure against your own pipe records before you pull.

Casingjacks

Casingjacks LLC | sales@casingjack.com

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
7	26	P-110	7.5491	0.05299	18,873	4,870.38	0.9926	1,007.4
7	29	M-65	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	29	L-80	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	29	N-80	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	29	C-90	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	29	C-95	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	29	T-95	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	29	P-110	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	29	Q-125	8.4494	0.04734	21,124	5,451.23	0.8869	1,127.5
7	32	L-80	9.3173	0.04293	23,293	6,011.15	0.8043	1,243.4
7	32	N-80	9.3173	0.04293	23,293	6,011.15	0.8043	1,243.4
7	32	C-90	9.3173	0.04293	23,293	6,011.15	0.8043	1,243.4
7	32	C-95	9.3173	0.04293	23,293	6,011.15	0.8043	1,243.4
7	32	T-95	9.3173	0.04293	23,293	6,011.15	0.8043	1,243.4
7	32	P-110	9.3173	0.04293	23,293	6,011.15	0.8043	1,243.4
7	32	Q-125	9.3173	0.04293	23,293	6,011.15	0.8043	1,243.4
7	35	L-80	10.1725	0.03932	25,431	6,562.87	0.7367	1,357.5
7	35	N-80	10.1725	0.03932	25,431	6,562.87	0.7367	1,357.5
7	35	C-90	10.1725	0.03932	25,431	6,562.87	0.7367	1,357.5
7	35	C-95	10.1725	0.03932	25,431	6,562.87	0.7367	1,357.5
7	35	T-95	10.1725	0.03932	25,431	6,562.87	0.7367	1,357.5
7	35	P-110	10.1725	0.03932	25,431	6,562.87	0.7367	1,357.5
7	35	Q-125	10.1725	0.03932	25,431	6,562.87	0.7367	1,357.5
7	38	L-80	10.9591	0.0365	27,398	7,070.39	0.6838	1,462.5
7	38	N-80	10.9591	0.0365	27,398	7,070.39	0.6838	1,462.5

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
7	38	C-90	10.9591	0.0365	27,398	7,070.39	0.6838	1,462.5
7	38	C-95	10.9591	0.0365	27,398	7,070.39	0.6838	1,462.5
7	38	T-95	10.9591	0.0365	27,398	7,070.39	0.6838	1,462.5
7	38	P-110	10.9591	0.0365	27,398	7,070.39	0.6838	1,462.5
7	38	Q-125	10.9591	0.0365	27,398	7,070.39	0.6838	1,462.5
7	41	C-90	11.8812	0.03367	29,703	7,665.27	0.6307	1,585.5
7	41	T-95	11.8812	0.03367	29,703	7,665.27	0.6307	1,585.5
7	41	P-110	11.8812	0.03367	29,703	7,665.27	0.6307	1,585.5
7	41	Q-125	11.8812	0.03367	29,703	7,665.27	0.6307	1,585.5
7	42.7	C-90	12.5173	0.03196	31,293	8,075.65	0.5987	1,670.4
7	42.7	T-95	12.5173	0.03196	31,293	8,075.65	0.5987	1,670.4
7	46.4	C-90	13.6252	0.02936	34,063	8,790.42	0.55	1,818.2
7	46.4	T-95	13.6252	0.02936	34,063	8,790.42	0.55	1,818.2
7	50.1	C-90	14.7262	0.02716	36,816	9,500.77	0.5089	1,965.2
7	50.1	T-95	14.7262	0.02716	36,816	9,500.77	0.5089	1,965.2
7	53.6	C-90	15.7854	0.02534	39,464	10,184.12	0.4747	2,106.5
7	53.6	T-95	15.7854	0.02534	39,464	10,184.12	0.4747	2,106.5
7	57.1	C-90	16.837	0.02376	42,092	10,862.54	0.4451	2,246.8
7	57.1	T-95	16.837	0.02376	42,092	10,862.54	0.4451	2,246.8
7.625	24	H-40	6.9036	0.05794	17,259	4,453.96	1.0855	921.3
7.625	26.4	J-55	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	26.4	K-55	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	26.4	M-65	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	26.4	L-80	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	26.4	N-80	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
7.625	26.4	C-90	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	26.4	C-95	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	26.4	T-95	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	26.4	P-110	7.5191	0.0532	18,798	4,851.05	0.9966	1,003.4
7.625	29.7	M-65	8.5412	0.04683	21,353	5,510.44	0.8773	1,139.8
7.625	29.7	L-80	8.5412	0.04683	21,353	5,510.44	0.8773	1,139.8
7.625	29.7	N-80	8.5412	0.04683	21,353	5,510.44	0.8773	1,139.8
7.625	29.7	C-90	8.5412	0.04683	21,353	5,510.44	0.8773	1,139.8
7.625	29.7	C-95	8.5412	0.04683	21,353	5,510.44	0.8773	1,139.8
7.625	29.7	T-95	8.5412	0.04683	21,353	5,510.44	0.8773	1,139.8
7.625	29.7	P-110	8.5412	0.04683	21,353	5,510.44	0.8773	1,139.8
7.625	33.7	L-80	9.7196	0.04115	24,299	6,270.71	0.771	1,297.1
7.625	33.7	N-80	9.7196	0.04115	24,299	6,270.71	0.771	1,297.1
7.625	33.7	C-90	9.7196	0.04115	24,299	6,270.71	0.771	1,297.1
7.625	33.7	C-95	9.7196	0.04115	24,299	6,270.71	0.771	1,297.1
7.625	33.7	T-95	9.7196	0.04115	24,299	6,270.71	0.771	1,297.1
7.625	33.7	P-110	9.7196	0.04115	24,299	6,270.71	0.771	1,297.1
7.625	33.7	Q-125	9.7196	0.04115	24,299	6,270.71	0.771	1,297.1
7.625	39	L-80	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
7.625	39	N-80	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
7.625	39	C-90	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
7.625	39	C-95	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
7.625	39	T-95	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
7.625	39	P-110	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5
7.625	39	Q-125	11.1919	0.03574	27,980	7,220.58	0.6696	1,493.5

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
7.625	42.8	L-80	12.4703	0.03208	31,176	8,045.31	0.6009	1,664.1
7.625	42.8	N-80	12.4703	0.03208	31,176	8,045.31	0.6009	1,664.1
7.625	42.8	C-90	12.4703	0.03208	31,176	8,045.31	0.6009	1,664.1
7.625	42.8	C-95	12.4703	0.03208	31,176	8,045.31	0.6009	1,664.1
7.625	42.8	T-95	12.4703	0.03208	31,176	8,045.31	0.6009	1,664.1
7.625	42.8	P-110	12.4703	0.03208	31,176	8,045.31	0.6009	1,664.1
7.625	42.8	Q-125	12.4703	0.03208	31,176	8,045.31	0.6009	1,664.1
7.625	45.3	L-80	13.1408	0.03044	32,852	8,477.93	0.5703	1,753.6
7.625	45.3	N-80	13.1408	0.03044	32,852	8,477.93	0.5703	1,753.6
7.625	45.3	C-90	13.1408	0.03044	32,852	8,477.93	0.5703	1,753.6
7.625	45.3	C-95	13.1408	0.03044	32,852	8,477.93	0.5703	1,753.6
7.625	45.3	P-110	13.1408	0.03044	32,852	8,477.93	0.5703	1,753.6
7.625	45.3	Q-125	13.1408	0.03044	32,852	8,477.93	0.5703	1,753.6
7.625	47.1	L-80	13.7445	0.0291	34,361	8,867.38	0.5452	1,834.2
7.625	47.1	N-80	13.7445	0.0291	34,361	8,867.38	0.5452	1,834.2
7.625	47.1	C-90	13.7445	0.0291	34,361	8,867.38	0.5452	1,834.2
7.625	47.1	C-95	13.7445	0.0291	34,361	8,867.38	0.5452	1,834.2
7.625	47.1	T-95	13.7445	0.0291	34,361	8,867.38	0.5452	1,834.2
7.625	47.1	P-110	13.7445	0.0291	34,361	8,867.38	0.5452	1,834.2
7.625	47.1	Q-125	13.7445	0.0291	34,361	8,867.38	0.5452	1,834.2
7.625	51.2	C-90	14.9741	0.02671	37,435	9,660.69	0.5004	1,998.2
7.625	51.2	T-95	14.9741	0.02671	37,435	9,660.69	0.5004	1,998.2
7.625	55.3	C-90	16.1988	0.02469	40,497	10,450.84	0.4626	2,161.7
7.625	55.3	T-95	16.1988	0.02469	40,497	10,450.84	0.4626	2,161.7
7.75	46.1	L-80	13.3745	0.02991	33,436	8,628.67	0.5603	1,784.8

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
7.75	46.1	C-90	13.3745	0.02991	33,436	8,628.67	0.5603	1,784.8
7.75	46.1	C-95	13.3745	0.02991	33,436	8,628.67	0.5603	1,784.8
7.75	46.1	T-95	13.3745	0.02991	33,436	8,628.67	0.5603	1,784.8
7.75	46.1	P-110	13.3745	0.02991	33,436	8,628.67	0.5603	1,784.8
7.75	46.1	Q-125	13.3745	0.02991	33,436	8,628.67	0.5603	1,784.8
8.625	24	J-55	6.9345	0.05768	17,336	4,473.83	1.0806	925.4
8.625	24	K-55	6.9345	0.05768	17,336	4,473.83	1.0806	925.4
8.625	24	M-65	6.9345	0.05768	17,336	4,473.83	1.0806	925.4
8.625	28	H-40	7.9469	0.05033	19,867	5,127.04	0.943	1,060.5
8.625	32	H-40	9.1486	0.04372	22,872	5,902.32	0.8191	1,220.9
8.625	32	J-55	9.1486	0.04372	22,872	5,902.32	0.8191	1,220.9
8.625	32	K-55	9.1486	0.04372	22,872	5,902.32	0.8191	1,220.9
8.625	32	M-65	9.1486	0.04372	22,872	5,902.32	0.8191	1,220.9
8.625	36	J-55	10.3358	0.0387	25,840	6,668.27	0.725	1,379.3
8.625	36	K-55	10.3358	0.0387	25,840	6,668.27	0.725	1,379.3
8.625	36	M-65	10.3358	0.0387	25,840	6,668.27	0.725	1,379.3
8.625	36	L-80	10.3358	0.0387	25,840	6,668.27	0.725	1,379.3
8.625	36	N-80	10.3358	0.0387	25,840	6,668.27	0.725	1,379.3
8.625	40	M-65	11.5571	0.03461	28,893	7,456.2	0.6484	1,542.3
8.625	40	L-80	11.5571	0.03461	28,893	7,456.2	0.6484	1,542.3
8.625	40	N-80	11.5571	0.03461	28,893	7,456.2	0.6484	1,542.3
8.625	40	C-90	11.5571	0.03461	28,893	7,456.2	0.6484	1,542.3
8.625	40	C-95	11.5571	0.03461	28,893	7,456.2	0.6484	1,542.3
8.625	40	T-95	11.5571	0.03461	28,893	7,456.2	0.6484	1,542.3
8.625	40	P-110	11.5571	0.03461	28,893	7,456.2	0.6484	1,542.3

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
8.625	44	L-80	12.7627	0.03134	31,907	8,234	0.5871	1,703.1
8.625	44	N-80	12.7627	0.03134	31,907	8,234	0.5871	1,703.1
8.625	44	C-90	12.7627	0.03134	31,907	8,234	0.5871	1,703.1
8.625	44	C-95	12.7627	0.03134	31,907	8,234	0.5871	1,703.1
8.625	44	T-95	12.7627	0.03134	31,907	8,234	0.5871	1,703.1
8.625	44	P-110	12.7627	0.03134	31,907	8,234	0.5871	1,703.1
8.625	44	Q-125	12.7627	0.03134	31,907	8,234	0.5871	1,703.1
8.625	49	L-80	14.1179	0.02833	35,295	9,108.32	0.5308	1,884
8.625	49	N-80	14.1179	0.02833	35,295	9,108.32	0.5308	1,884
8.625	49	C-95	14.1179	0.02833	35,295	9,108.32	0.5308	1,884
8.625	49	T-95	14.1179	0.02833	35,295	9,108.32	0.5308	1,884
8.625	49	P-110	14.1179	0.02833	35,295	9,108.32	0.5308	1,884
8.625	49	Q-125	14.1179	0.02833	35,295	9,108.32	0.5308	1,884
9.625	32.3	H-40	9.1284	0.04382	22,821	5,889.27	0.8209	1,218.2
9.625	36	H-40	10.2545	0.03901	25,636	6,615.77	0.7308	1,368.4
9.625	36	J-55	10.2545	0.03901	25,636	6,615.77	0.7308	1,368.4
9.625	36	K-55	10.2545	0.03901	25,636	6,615.77	0.7308	1,368.4
9.625	36	M-65	10.2545	0.03901	25,636	6,615.77	0.7308	1,368.4
9.625	40	J-55	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5
9.625	40	K-55	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5
9.625	40	M-65	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5
9.625	40	L-80	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5
9.625	40	N-80	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5
9.625	40	C-90	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5
9.625	40	C-95	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
9.625	40	T-95	11.4538	0.03492	28,634	7,389.52	0.6542	1,528.5
9.625	43.5	M-65	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	43.5	L-80	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	43.5	N-80	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	43.5	C-90	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	43.5	C-95	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	43.5	T-95	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	43.5	P-110	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	43.5	Q-125	12.559	0.03185	31,397	8,102.56	0.5967	1,676
9.625	47	L-80	13.5724	0.02947	33,931	8,756.34	0.5521	1,811.2
9.625	47	N-80	13.5724	0.02947	33,931	8,756.34	0.5521	1,811.2
9.625	47	C-90	13.5724	0.02947	33,931	8,756.34	0.5521	1,811.2
9.625	47	C-95	13.5724	0.02947	33,931	8,756.34	0.5521	1,811.2
9.625	47	T-95	13.5724	0.02947	33,931	8,756.34	0.5521	1,811.2
9.625	47	P-110	13.5724	0.02947	33,931	8,756.34	0.5521	1,811.2
9.625	47	Q-125	13.5724	0.02947	33,931	8,756.34	0.5521	1,811.2
9.625	53.5	L-80	15.5465	0.02573	38,866	10,029.97	0.482	2,074.6
9.625	53.5	N-80	15.5465	0.02573	38,866	10,029.97	0.482	2,074.6
9.625	53.5	C-90	15.5465	0.02573	38,866	10,029.97	0.482	2,074.6
9.625	53.5	C-95	15.5465	0.02573	38,866	10,029.97	0.482	2,074.6
9.625	53.5	T-95	15.5465	0.02573	38,866	10,029.97	0.482	2,074.6
9.625	53.5	P-110	15.5465	0.02573	38,866	10,029.97	0.482	2,074.6
9.625	53.5	Q-125	15.5465	0.02573	38,866	10,029.97	0.482	2,074.6
9.625	58.4	L-80	16.8793	0.0237	42,198	10,889.85	0.444	2,252.5
9.625	58.4	N-80	16.8793	0.0237	42,198	10,889.85	0.444	2,252.5

Check every figure against your own pipe records before you pull.

Casingjacks

Casingjacks LLC | sales@casingjack.com

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
9.625	58.4	C-90	16.8793	0.0237	42,198	10,889.85	0.444	2,252.5
9.625	58.4	C-95	16.8793	0.0237	42,198	10,889.85	0.444	2,252.5
9.625	58.4	T-95	16.8793	0.0237	42,198	10,889.85	0.444	2,252.5
9.625	58.4	P-110	16.8793	0.0237	42,198	10,889.85	0.444	2,252.5
9.625	58.4	Q-125	16.8793	0.0237	42,198	10,889.85	0.444	2,252.5
9.625	59.4	C-90	17.2497	0.02319	43,124	11,128.8	0.4344	2,301.9
9.625	59.4	T-95	17.2497	0.02319	43,124	11,128.8	0.4344	2,301.9
9.625	64.9	C-90	18.9011	0.02116	47,253	12,194.25	0.3965	2,522.3
9.625	64.9	T-95	18.9011	0.02116	47,253	12,194.25	0.3965	2,522.3
9.625	70.3	C-90	20.502	0.01951	51,255	13,227.08	0.3655	2,735.9
9.625	70.3	T-95	20.502	0.01951	51,255	13,227.08	0.3655	2,735.9
9.625	75.6	C-90	22.104	0.0181	55,260	14,260.61	0.339	2,949.7
9.625	75.6	T-95	22.104	0.0181	55,260	14,260.61	0.339	2,949.7
9.75	59.2	P-110	17.113	0.02337	42,782	11,040.6	0.4379	2,283.7
9.75	59.2	Q-125	17.113	0.02337	42,782	11,040.6	0.4379	2,283.7
9.875	62.8	P-110	18.1623	0.02202	45,406	11,717.61	0.4126	2,423.7
9.875	62.8	Q-125	18.1623	0.02202	45,406	11,717.61	0.4126	2,423.7
10.75	32.75	H-40	9.1779	0.04358	22,945	5,921.2	0.8165	1,224.8
10.75	40.5	H-40	11.4354	0.03498	28,588	7,377.66	0.6553	1,526
10.75	40.5	J-55	11.4354	0.03498	28,588	7,377.66	0.6553	1,526
10.75	40.5	K-55	11.4354	0.03498	28,588	7,377.66	0.6553	1,526
10.75	40.5	M-65	11.4354	0.03498	28,588	7,377.66	0.6553	1,526
10.75	40.5	N-80	11.4354	0.03498	28,588	7,377.66	0.6553	1,526
10.75	45.5	J-55	13.0062	0.03075	32,515	8,391.08	0.5762	1,735.6
10.75	45.5	M-65	13.0062	0.03075	32,515	8,391.08	0.5762	1,735.6

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
10.75	45.5	N-80	13.0062	0.03075	32,515	8,391.08	0.5762	1,735.6
10.75	51	J-55	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	K-55	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	M-65	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	L-80	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	N-80	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	C-90	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	C-95	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	T-95	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	P-110	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	51	Q-125	14.5613	0.02747	36,403	9,394.36	0.5146	1,943.2
10.75	55.5	L-80	15.9474	0.02508	39,869	10,288.64	0.4699	2,128.1
10.75	55.5	N-80	15.9474	0.02508	39,869	10,288.64	0.4699	2,128.1
10.75	55.5	C-90	15.9474	0.02508	39,869	10,288.64	0.4699	2,128.1
10.75	55.5	C-95	15.9474	0.02508	39,869	10,288.64	0.4699	2,128.1
10.75	55.5	T-95	15.9474	0.02508	39,869	10,288.64	0.4699	2,128.1
10.75	55.5	P-110	15.9474	0.02508	39,869	10,288.64	0.4699	2,128.1
10.75	55.5	Q-125	15.9474	0.02508	39,869	10,288.64	0.4699	2,128.1
10.75	60.7	L-80	17.4727	0.02289	43,682	11,272.67	0.4289	2,331.7
10.75	60.7	N-80	17.4727	0.02289	43,682	11,272.67	0.4289	2,331.7
10.75	60.7	C-90	17.4727	0.02289	43,682	11,272.67	0.4289	2,331.7
10.75	60.7	C-95	17.4727	0.02289	43,682	11,272.67	0.4289	2,331.7
10.75	60.7	T-95	17.4727	0.02289	43,682	11,272.67	0.4289	2,331.7
10.75	60.7	P-110	17.4727	0.02289	43,682	11,272.67	0.4289	2,331.7
10.75	60.7	Q-125	17.4727	0.02289	43,682	11,272.67	0.4289	2,331.7

Check every figure against your own pipe records before you pull.

Casingjacks

Casingjacks LLC | sales@casingjack.com

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
10.75	65.7	L-80	18.9822	0.02107	47,456	12,246.56	0.3948	2,533.1
10.75	65.7	N-80	18.9822	0.02107	47,456	12,246.56	0.3948	2,533.1
10.75	65.7	C-90	18.9822	0.02107	47,456	12,246.56	0.3948	2,533.1
10.75	65.7	T-95	18.9822	0.02107	47,456	12,246.56	0.3948	2,533.1
10.75	65.7	P-110	18.9822	0.02107	47,456	12,246.56	0.3948	2,533.1
10.75	65.7	Q-125	18.9822	0.02107	47,456	12,246.56	0.3948	2,533.1
10.75	71.1	P-110	20.6246	0.01939	51,561	13,306.14	0.3633	2,752.3
10.75	71.1	Q-125	20.6246	0.01939	51,561	13,306.14	0.3633	2,752.3
10.75	73.2	C-90	21.2762	0.0188	53,190	13,726.54	0.3522	2,839.2
10.75	73.2	T-95	21.2762	0.0188	53,190	13,726.54	0.3522	2,839.2
10.75	79.2	C-90	23.0962	0.01732	57,740	14,900.73	0.3245	3,082.1
10.75	79.2	T-95	23.0962	0.01732	57,740	14,900.73	0.3245	3,082.1
10.75	85.3	C-90	24.9208	0.01605	62,302	16,077.91	0.3007	3,325.6
10.75	85.3	T-95	24.9208	0.01605	62,302	16,077.91	0.3007	3,325.6
11.75	42	H-40	11.9439	0.03349	29,860	7,705.73	0.6274	1,593.9
11.75	47	J-55	13.4009	0.02985	33,502	8,645.7	0.5592	1,788.3
11.75	47	K-55	13.4009	0.02985	33,502	8,645.7	0.5592	1,788.3
11.75	47	M-65	13.4009	0.02985	33,502	8,645.7	0.5592	1,788.3
11.75	54	J-55	15.463	0.02587	38,657	9,976.11	0.4846	2,063.5
11.75	54	K-55	15.463	0.02587	38,657	9,976.11	0.4846	2,063.5
11.75	54	M-65	15.463	0.02587	38,657	9,976.11	0.4846	2,063.5
11.75	60	J-55	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	K-55	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	M-65	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	L-80	17.2996	0.02312	43,249	11,161	0.4332	2,308.6

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
11.75	60	N-80	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	C-90	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	C-95	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	T-95	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	P-110	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	60	Q-125	17.2996	0.02312	43,249	11,161	0.4332	2,308.6
11.75	65	M-65	18.8161	0.02126	47,040	12,139.38	0.3983	2,510.9
11.75	65	L-80	18.8161	0.02126	47,040	12,139.38	0.3983	2,510.9
11.75	65	N-80	18.8161	0.02126	47,040	12,139.38	0.3983	2,510.9
11.75	65	P-110	18.8161	0.02126	47,040	12,139.38	0.3983	2,510.9
11.75	65	Q-125	18.8161	0.02126	47,040	12,139.38	0.3983	2,510.9
11.75	71	Q-125	20.4196	0.01959	51,049	13,173.94	0.367	2,724.9
11.875	71.8	P-110	20.6482	0.01937	51,620	13,321.39	0.3629	2,755.4
11.875	71.8	Q-125	20.6482	0.01937	51,620	13,321.39	0.3629	2,755.4
13.375	48	H-40	13.5241	0.02958	33,810	8,725.2	0.5541	1,804.7
13.375	54.5	J-55	15.5135	0.02578	38,784	10,008.69	0.483	2,070.2
13.375	54.5	K-55	15.5135	0.02578	38,784	10,008.69	0.483	2,070.2
13.375	54.5	M-65	15.5135	0.02578	38,784	10,008.69	0.483	2,070.2
13.375	61	J-55	17.4872	0.02287	43,718	11,282.04	0.4285	2,333.6
13.375	61	K-55	17.4872	0.02287	43,718	11,282.04	0.4285	2,333.6
13.375	61	M-65	17.4872	0.02287	43,718	11,282.04	0.4285	2,333.6
13.375	68	J-55	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	68	K-55	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	68	M-65	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	68	L-80	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9

Check every figure against your own pipe records before you pull.

Casingjacks

Casingjacks LLC | sales@casingjack.com

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
13.375	68	N-80	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	68	C-90	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	68	C-95	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	68	T-95	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	68	P-110	19.4452	0.02057	48,613	12,545.27	0.3854	2,594.9
13.375	72	M-65	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	72	L-80	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	72	N-80	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	72	C-90	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	72	C-95	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	72	T-95	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	72	P-110	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	72	Q-125	20.7677	0.01926	51,919	13,398.47	0.3608	2,771.4
13.375	80.7	P-110	23.3141	0.01716	58,285	15,041.31	0.3214	3,111.2
13.375	80.7	Q-125	23.3141	0.01716	58,285	15,041.31	0.3214	3,111.2
13.375	86	P-110	25.0346	0.01598	62,586	16,151.3	0.2993	3,340.8
13.375	86	Q-125	25.0346	0.01598	62,586	16,151.3	0.2993	3,340.8
13.5	81.4	P-110	23.5418	0.01699	58,855	15,188.25	0.3183	3,141.6
13.5	81.4	Q-125	23.5418	0.01699	58,855	15,188.25	0.3183	3,141.6
13.625	88.2	P-110	25.5254	0.01567	63,814	16,467.99	0.2936	3,406.3
13.625	88.2	Q-125	25.5254	0.01567	63,814	16,467.99	0.2936	3,406.3
16	65	H-40	18.4078	0.02173	46,019	11,875.96	0.4071	2,456.5
16	75	J-55	21.4136	0.01868	53,534	13,815.19	0.3499	2,857.6
16	75	K-55	21.4136	0.01868	53,534	13,815.19	0.3499	2,857.6
16	75	M-65	21.4136	0.01868	53,534	13,815.19	0.3499	2,857.6

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
16	84	J-55	24.1116	0.01659	60,279	15,555.87	0.3108	3,217.6
16	84	K-55	24.1116	0.01659	60,279	15,555.87	0.3108	3,217.6
16	84	M-65	24.1116	0.01659	60,279	15,555.87	0.3108	3,217.6
16	84	N-80	24.1116	0.01659	60,279	15,555.87	0.3108	3,217.6
16	84	P-110	24.1116	0.01659	60,279	15,555.87	0.3108	3,217.6
16	84	Q-125	24.1116	0.01659	60,279	15,555.87	0.3108	3,217.6
16	95	N-80	27.4438	0.01458	68,610	17,705.66	0.2731	3,662.3
16	95	P-110	27.4438	0.01458	68,610	17,705.66	0.2731	3,662.3
16	95	Q-125	27.4438	0.01458	68,610	17,705.66	0.2731	3,662.3
16	97	N-80	27.864	0.01436	69,660	17,976.71	0.2689	3,718.4
16	97	P-110	27.864	0.01436	69,660	17,976.71	0.2689	3,718.4
16	97	Q-125	27.864	0.01436	69,660	17,976.71	0.2689	3,718.4
16	109	J-55	31.6222	0.01265	79,056	20,401.39	0.237	4,219.9
16	109	K-55	31.6222	0.01265	79,056	20,401.39	0.237	4,219.9
16	109	N-80	31.6222	0.01265	79,056	20,401.39	0.237	4,219.9
16	118	J-55	34.3338	0.01165	85,834	22,150.77	0.2183	4,581.7
16	118	K-55	34.3338	0.01165	85,834	22,150.77	0.2183	4,581.7
16	118	N-80	34.3338	0.01165	85,834	22,150.77	0.2183	4,581.7
18.625	87.5	H-40	24.8583	0.01609	62,146	16,037.6	0.3015	3,317.3
18.625	87.5	J-55	24.8583	0.01609	62,146	16,037.6	0.3015	3,317.3
18.625	87.5	K-55	24.8583	0.01609	62,146	16,037.6	0.3015	3,317.3
18.625	87.5	N-80	24.8583	0.01609	62,146	16,037.6	0.3015	3,317.3
18.625	94.5	H-40	26.6956	0.01498	66,739	17,222.94	0.2807	3,562.4
18.625	94.5	J-55	26.6956	0.01498	66,739	17,222.94	0.2807	3,562.4
18.625	94.5	K-55	26.6956	0.01498	66,739	17,222.94	0.2807	3,562.4

Check every figure against your own pipe records before you pull.

Casingjacks

Casingjacks LLC | sales@casingjack.com

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

Constants

OD in	Weight lb/ft	Grade	As in²	SC US	FPC US	As mm²	SC metric	FPC metric
18.625	94.5	N-80	26.6956	0.01498	66,739	17,222.94	0.2807	3,562.4
18.625	106	J-55	30.1842	0.01325	75,460	19,473.61	0.2483	4,028
18.625	106	K-55	30.1842	0.01325	75,460	19,473.61	0.2483	4,028
18.625	106	N-80	30.1842	0.01325	75,460	19,473.61	0.2483	4,028
18.625	117.5	J-55	33.593	0.01191	83,982	21,672.84	0.2231	4,482.9
18.625	117.5	K-55	33.593	0.01191	83,982	21,672.84	0.2231	4,482.9
18.625	117.5	N-80	33.593	0.01191	83,982	21,672.84	0.2231	4,482.9
20	94	H-40	26.9177	0.01486	67,294	17,366.19	0.2784	3,592.1
20	94	J-55	26.9177	0.01486	67,294	17,366.19	0.2784	3,592.1
20	94	K-55	26.9177	0.01486	67,294	17,366.19	0.2784	3,592.1
20	106.5	J-55	30.6305	0.01306	76,576	19,761.59	0.2446	4,087.5
20	106.5	K-55	30.6305	0.01306	76,576	19,761.59	0.2446	4,087.5
20	106.5	N-80	30.6305	0.01306	76,576	19,761.59	0.2446	4,087.5
20	133	K-55	38.6315	0.01035	96,579	24,923.47	0.194	5,155.2
20	133	L-80	38.6315	0.01035	96,579	24,923.47	0.194	5,155.2
20	133	N-80	38.6315	0.01035	96,579	24,923.47	0.194	5,155.2
20	169	K-55	48.9481	0.00817	122,370	31,579.34	0.1531	6,532
20	169	L-80	48.9481	0.00817	122,370	31,579.34	0.1531	6,532
20	169	N-80	48.9481	0.00817	122,370	31,579.34	0.1531	6,532

F4 Stretch. Hooke's law for a bar: strain = stress / E, so $\Delta L/L = F/(As \cdot E)$. With L in feet and ΔL in inches, multiply by 12: ΔL (in) = $F \cdot L \cdot 12 / (E \cdot As)$. Metric: ΔL (mm) = F (N) · L (mm) / (E (MPa) · As (mm²)).

• Worked example: 5-1/2" 17#, F = 50,000 lb, L = 6,000 ft: $50{,}000 \times 6{,}000 \times 12 = 3.6 \times 10^9$; $E \cdot As = 30{,}000{,}000 \times 4.962409 = 1.488723 \times 10^8$; ΔL = 24.18 in.

• Same in metric: F = 222.411 kN, L = 1,828.8 m, As = 3,201.55 mm², E = 206,842.7 MPa → ΔL = 614.2 mm (= 24.18 × 25.4).

F5 Stretch constant. Put F in klb and L in thousands of feet: $\Delta L = (1{,}000\ F_k)(1{,}000\ L_k)(12)/(30{,}000{,}000 \cdot As) = F_k \cdot L_k \cdot 0.4/As$. So SC = 0.4 / As (inches of stretch per 1,000 lb per 1,000 ft) and $\Delta L = F_k \cdot L_k \cdot SC$.

Check every figure against your own pipe records before you pull.

Stretch and free-point constants

Data version 1.326cfcf0 | Build date 2026-11-17

• 5-1/2" 17#: SC = 0.4 / 4.962409 = 0.08061. Check: 50 × 6 × 0.080606 = 24.18 in, same as F4.

F6 Free point. Solve F4 for L: L = ΔL · E · As / (12 · F). With F in klb (F = 1,000 F_k): L = ΔL · 30,000,000 · As / (12,000 · F_k) = ΔL · (2,500 · As) / F_k. So the free-point constant FPC = 2,500 · As, and free point (ft) = stretch (in) × FPC / pull (klb). In the field the stretch is read between two pulls (the first takes out slack), so F_k is the difference between the two pulls and ΔL the difference in pipe movement. The answer is the length of free pipe; friction makes the true free point deeper, never shallower. Metric: L (m) = ΔL (mm) · E (MPa) · As (mm²) / (F (N) · 1,000).

• 7" 23# J-55: FPC = 2,500 × 6.655499 = 16,639. Stretch 20 in between pulls 40,000 lb apart: 20 × 16,638.75 / 40 = 8,319 ft.

• Round trip on F4: 24.1818 in × 12,406.02 / 50 = 6,000 ft (FPC for 5-1/2" 17# = 12,406).

Metric: As (mm²) = As (in²) × 645.16; SC (mm per kN per 1,000 m) = 10^9 / (E_MPA × As mm²); FPC = E_MPA × As mm² / 10^6.

5-1/2 17#: SC 1.5101; FPC 662.2; 614.2 mm at 222.411 kN gives 1,828.8 m.