



Sizes: 3/4" to 2 1/2"
Rectangular Wire Construction

ISO
Color: Green

Hole Dia. in.	Rod Dia. in.	Free Length in.	CATALOG NUMBER	RATE Pounds Required to Deflect 1/10 in.	LOAD - DEFLECTION TABLE							
					Total Deflection Recommended for Long Life (25% of C)		Total Deflection Recommended for Average Life (30% of C)		Maximum Operating Deflection (40% of C)		Total Travel to Solid	
					Load lbs.	Deflection inches	Load lbs.	Deflection inches	Load lbs.	Deflection inches	Load lbs.	Deflection inches
3/4	3/8	1	9-1204-L	31.2	78	0.24	94	0.30	125	0.40	163	0.51
		1 1/4	9-1205-L	24.0	77	0.31	92	0.38	123	0.49	154	0.63
		1 1/2	9-1206-L	19.1	72	0.37	87	0.43	116	0.59	145	0.75
		1 3/4	9-1207-L	16.0	71	0.43	85	0.51	113	0.71	147	0.91
		2	9-1208-L	13.9	71	0.51	85	0.59	113	0.79	145	1.02
		2 1/2	9-1210-L	10.8	69	0.63	83	0.75	111	0.98	138	1.26
		3	9-1212-L	9.0	69	0.75	82	0.91	110	1.18	144	1.57
		3 1/2	9-1214-L	7.6	68	0.87	81	1.06	108	1.38	140	1.81
		4	9-1216-L	6.6	68	1.02	81	1.22	108	1.61	141	2.09
		4 1/2	9-1218-L	5.8	67	1.14	81	1.38	108	1.81	141	2.36
		5	9-1220-L	5.3	67	1.26	80	1.50	107	2.01	141	2.64
		5 1/2	9-1222-L	4.8	67	1.38	80	1.65	107	2.20	140	2.87
6	9-1224-L	4.4	67	1.50	81	1.81	108	2.40	143	3.19		
12	9-1248-L	2.1	65	2.99	78	3.58	104	4.80	138	6.38		
1	1/2	1	9-1604-L	56.2	141	0.24	169	0.30	225	0.40	292	0.51
		1 1/4	9-1605-L	45.3	145	0.31	174	0.38	232	0.49	290	0.63
		1 1/2	9-1606-L	36.4	138	0.37	166	0.43	221	0.59	277	0.75
		1 3/4	9-1607-L	30.0	132	0.43	158	0.51	211	0.71	276	0.91
		2	9-1608-L	26.0	132	0.51	159	0.59	212	0.79	260	0.98
		2 1/2	9-1610-L	20.1	129	0.63	154	0.75	206	0.98	249	1.22
		3	9-1612-L	16.4	125	0.75	150	0.91	199	1.18	256	1.54
		3 1/2	9-1614-L	13.9	124	0.87	149	1.06	198	1.38	256	1.81
		4	9-1616-L	11.9	122	1.02	156	1.22	195	1.61	248	2.05
		4 1/2	9-1618-L	10.5	121	1.14	145	1.38	193	1.81	248	2.32
		5	9-1620-L	9.4	119	1.26	143	1.50	191	2.01	248	2.60
		5 1/2	9-1622-L	8.5	120	1.38	144	1.65	191	2.20	253	2.91
6	9-1624-L	7.8	119	1.50	143	1.81	190	2.40	251	3.15		
7	9-1628-L	6.7	120	1.73	143	2.09	191	2.80	250	3.66		
8	9-1632-L	5.9	119	2.01	143	2.40	191	3.19	251	4.21		
12	9-1648-L	3.9	119	2.99	143	3.58	191	4.80	251	6.30		
1 1/4	5/8	1 1/2	9-2006-L	52.8	201	0.37	241	0.43	321	0.59	402	0.75
		1 3/4	9-2007-L	44.7	197	0.43	236	0.51	315	0.71	393	0.87
		2	9-2008-L	37.7	192	0.51	230	0.59	307	0.79	377	0.98
		2 1/2	9-2010-L	30.9	198	0.63	237	0.75	316	0.98	396	1.26
		3	9-2012-L	25.9	196	0.75	236	0.91	314	1.18	403	1.54
		3 1/2	9-2014-L	20.9	186	0.87	223	1.06	298	1.38	376	1.77
		4	9-2016-L	18.0	183	1.02	220	1.22	294	1.61	374	2.05
		4 1/2	9-2018-L	16.6	191	1.14	229	1.38	306	1.81	386	2.28
		5	9-2020-L	14.1	178	1.26	214	1.50	286	2.01	365	2.56
		5 1/2	9-2022-L	13.2	185	1.38	222	1.65	296	2.20	380	2.83
		6	9-2024-L	12.1	184	1.50	221	1.81	294	2.40	377	3.07
		7	9-2028-L	10.2	182	1.73	219	2.09	291	2.80	360	3.46
8	9-2032-L	8.9	181	2.01	217	2.40	290	3.19	371	4.09		
10	9-2040-L	7.1	179	2.52	215	2.99	287	4.02	367	5.12		
12	9-2048-L	5.8	178	2.99	214	3.58	285	4.80	362	6.10		
1 1/2	3/4	2	9-2408-L	51.7	264	0.51	316	0.59	422	0.79	517	0.98
		2 1/2	9-2410-L	41.0	262	0.63	315	0.75	420	0.98	525	1.26
		3	9-2412-L	35.4	269	0.75	323	0.91	431	1.18	538	1.50
		3 1/2	9-2414-L	28.7	255	0.87	306	1.06	408	1.38	516	1.77
		4	9-2416-L	24.2	247	1.02	296	1.22	394	1.61	493	2.01
		4 1/2	9-2418-L	22.3	256	1.14	307	1.38	410	1.81	516	2.28
		5	9-2420-L	20.8	264	1.26	317	1.50	423	2.01	541	2.56
		5 1/2	9-2422-L	18.0	252	1.38	302	1.65	403	2.20	511	2.80
		6	9-2424-L	15.7	239	1.50	287	1.81	383	2.40	491	3.07
		7	9-2428-L	14.2	252	1.73	303	2.09	403	2.80	521	3.62
		8	9-2432-L	12.8	259	2.01	311	2.40	414	3.19	536	4.13
		10	9-2440-L	9.6	243	2.52	291	2.99	388	4.02	501	5.16
12	9-2448-L	8.3	254	2.99	304	3.58	406	4.80	522	6.18		
2	1	2 1/2	9-3210-L	88.3	565	0.63	678	0.75	904	0.98	1130	1.26
		3	9-3212-L	70.9	539	0.75	646	0.91	862	1.18	1106	1.54
		3 1/2	9-3214-L	59.1	526	0.87	631	1.06	842	1.38	1164	1.77
		4	9-3216-L	50.5	515	1.02	617	1.22	823	1.61	1049	2.05
		4 1/2	9-3218-L	43.1	509	1.14	610	1.38	814	1.81	1026	2.28
		5	9-3220-L	39.4	500	1.26	600	1.50	800	2.01	1024	2.56
		5 1/2	9-3222-L	35.4	496	1.38	595	1.65	794	2.20	1020	2.83
		6	9-3224-L	32.3	491	1.50	589	1.81	785	2.40	1007	3.07
		7	9-3228-L	27.4	487	1.73	584	2.09	779	2.80	1007	3.62
		8	9-3232-L	23.3	473	2.01	568	2.40	757	3.19	970	4.09
		10	9-3240-L	18.5	470	2.52	564	2.99	752	4.02	962	5.12
		12	9-3248-L	15.2	465	2.99	558	3.58	744	4.80	951	6.14
2 1/2	1 1/2	3	9-4012-L	108.2	823	0.75	987	0.91	1317	1.18	1646	1.50
		3 1/2	9-4014-L	88.7	790	0.87	948	1.06	1263	1.38	1562	1.73
		4	9-4016-L	75.2	767	1.02	920	1.22	1227	1.61	1504	1.97
		4 1/2	9-4018-L	65.1	749	1.14	899	1.38	1198	1.81	1485	2.24
		5	9-4020-L	57.1	725	1.26	870	1.50	1160	2.00	1462	2.52
		6	9-4024-L	47.0	714	1.50	857	1.81	1142	2.40	1428	2.99
		7	9-4028-L	39.5	702	1.73	842	2.09	1123	2.80	1404	3.50
		8	9-4032-L	33.9	689	2.01	827	2.40	1103	3.19	1385	4.02
		10	9-4040-L	26.4	670	2.52	804	2.99	1072	4.02	1330	4.96
		12	9-4048-L	21.7	664	2.99	796	3.58	1062	4.80	1323	5.98