



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

ISO
Color: Red

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 (20% of C)		Total Deflection Recommended for Average Life (25% of C)		Maximum Operating Deflection (30% of C)		Total Travel to Solid		
					Load lbs.	Deflection inches	Load lbs.	Deflection inches	Load lbs.	Deflection inches	Load lbs.	Deflection inches	
A	B	C											
3/4	3/8	1	9-1204-H	121.40	242.81	0.20	303.51	0.24	364.21	0.30	407.82	0.33	
		1 1/4	9-1205-H	94.42	241.73	0.26	302.16	0.31	362.59	0.38	396.58	0.41	
		1 1/2	9-1206-H	72.50	220.41	0.30	275.52	0.37	330.62	0.43	362.63	0.49	
		1 3/4	9-1207-H	62.95	221.58	0.35	276.98	0.43	332.37	0.51	365.11	0.57	
		2	9-1208-H	52.83	215.56	0.39	269.45	0.51	323.34	0.59	348.70	0.65	
		2 1/2	9-1210-H	40.52	207.49	0.51	259.35	0.63	311.22	0.75	340.38	0.83	
		3	9-1212-H	33.55	204.00	0.59	255.01	0.75	306.03	0.91	348.92	1.02	
		3 1/2	9-1214-H	28.38	202.09	0.71	252.61	0.87	303.15	1.06	340.60	1.18	
		4	9-1216-H	24.84	202.72	0.79	253.39	1.02	304.07	1.22	347.80	1.38	
		4 1/2	9-1218-H	21.58	198.56	0.91	248.20	1.14	297.84	1.38	345.32	1.57	
		5	9-1220-H	19.17	194.72	0.98	243.41	1.26	292.09	1.50	337.23	1.73	
		5 1/2	9-1222-H	17.42	195.14	1.10	243.93	1.38	292.72	1.65	341.50	1.93	
6	9-1224-H	15.85	192.74	1.18	240.92	1.50	289.10	1.81	336.11	2.09			
12	9-1248-H	8.43	205.71	2.40	257.15	2.99	308.57	3.58	364.21	4.25			
1	1/2	1 1/4	9-1605-H	155.29	397.57	0.26	496.96	0.31	596.36	0.38	652.20	0.41	
		1 1/2	9-1606-H	123.48	375.45	0.30	469.31	0.37	563.17	0.43	642.31	0.51	
		1 3/4	9-1607-H	103.75	365.18	0.35	456.47	0.43	547.77	0.51	643.21	0.61	
		2	9-1608-H	88.41	360.72	0.39	450.90	0.51	541.07	0.59	636.47	0.71	
		2 1/2	9-1610-H	68.35	349.91	0.51	437.37	0.63	524.84	0.75	615.11	0.89	
		3	9-1612-H	56.26	341.97	0.59	427.45	0.75	512.95	0.91	618.48	1.08	
		3 1/2	9-1614-H	47.44	337.54	0.71	421.94	0.87	506.32	1.06	616.23	1.28	
		4	9-1616-H	41.31	337.05	0.79	421.31	1.02	505.58	1.22	619.60	1.48	
		4 1/2	9-1618-H	36.45	337.07	0.91	421.34	1.14	505.60	1.38	625.67	1.68	
		5	9-1620-H	32.32	328.57	0.98	410.72	1.26	492.87	1.50	607.91	1.85	
		5 1/2	9-1622-H	29.28	327.83	1.10	409.80	1.38	491.77	1.65	608.81	2.05	
		6	9-1624-H	26.98	327.74	1.18	409.69	1.50	491.61	1.81	619.83	2.26	
7	9-1628-H	22.99	327.52	1.42	409.37	1.73	491.25	2.09	625.67	2.68			
8	9-1632-H	20.07	325.40	1.57	406.74	2.01	488.11	2.40	617.13	3.03			
12	9-1648-H	12.87	314.52	2.40	393.17	2.99	471.81	3.58	593.08	4.53			
1 1/4	5/8	1 1/2	9-2006-H	211.39	642.63	0.30	803.28	0.37	963.94	0.43	1014.61	0.47	
		1 3/4	9-2007-H	174.01	612.57	0.35	765.71	0.43	918.86	0.51	974.60	0.55	
		2	9-2008-H	147.99	603.82	0.39	754.79	0.51	905.73	0.59	976.84	0.65	
		2 1/2	9-2010-H	115.00	588.92	0.51	736.13	0.63	883.36	0.75	989.21	0.85	
		3	9-2012-H	93.30	567.09	0.59	708.88	0.75	850.65	0.91	970.10	1.02	
		3 1/2	9-2014-H	78.97	562.10	0.71	702.61	0.87	843.14	1.06	963.13	1.20	
		4	9-2016-H	68.01	555.06	0.79	693.82	1.02	832.60	1.22	965.83	1.40	
		4 1/2	9-2018-H	59.86	550.52	0.91	688.15	1.14	825.76	1.38	969.42	1.59	
		5	9-2020-H	53.84	547.14	0.98	683.93	1.26	820.73	1.50	969.42	1.77	
		5 1/2	9-2022-H	48.56	544.06	1.10	680.10	1.38	816.12	1.65	971.67	1.97	
		6	9-2024-H	44.23	537.88	1.18	672.35	1.50	806.81	1.81	955.49	2.13	
		7	9-2028-H	37.49	534.20	1.42	667.76	1.73	801.30	2.09	945.37	2.48	
8	9-2032-H	32.54	528.04	1.57	660.05	2.01	792.06	2.40	936.38	2.83			
10	9-2040-H	26.02	528.62	2.01	660.77	2.52	792.92	2.99	957.28	3.62			
12	9-2048-H	21.47	523.94	2.40	654.92	2.99	785.93	3.58	944.92	4.33			
1 1/2	3/4	2	9-2408-H	198.07	808.21	0.39	1010.25	0.51	1212.30	0.59	1346.90	0.67	
		2 1/2	9-2410-H	150.85	772.48	0.51	965.60	0.63	1158.72	0.75	1327.79	0.87	
		3	9-2412-H	123.15	748.79	0.59	935.99	0.75	1123.18	0.91	1330.04	1.06	
		3 1/2	9-2414-H	103.87	739.43	0.71	924.28	0.87	1109.15	1.06	1329.36	1.26	
		4	9-2416-H	89.31	728.60	0.79	910.77	1.02	1092.92	1.22	1321.49	1.46	
		4 1/2	9-2418-H	79.19	728.75	0.91	910.95	1.14	1093.14	1.38	1330.71	1.65	
		5	9-2420-H	70.37	715.04	0.98	893.79	1.26	1072.55	1.50	1323.07	1.85	
		5 1/2	9-2422-H	63.34	709.42	1.10	886.76	1.38	1064.12	1.65	1317.45	2.05	
		6	9-2424-H	58.17	707.49	1.18	884.35	1.50	1061.22	1.81	1338.13	2.26	
		7	9-2428-H	49.52	705.13	1.42	881.41	1.73	1057.67	2.09	1327.11	2.64	
		8	9-2432-H	43.11	700.04	1.57	875.07	2.01	1050.07	2.40	1310.48	2.99	
		10	9-2440-H	34.00	691.48	2.01	864.34	2.52	1037.21	2.99	1320.37	3.82	
12	9-2448-H	28.21	689.05	2.40	861.33	2.99	1033.59	3.58	1310.25	4.57			
2	1	2 1/2	9-3210-H	238.20	1219.60	0.51	1524.51	0.63	1829.41	0.75	2048.56	0.85	
		3	9-3212-H	190.09	1155.60	0.59	1444.49	0.75	1733.41	0.91	1976.62	1.02	
		3 1/2	9-3214-H	158.10	1125.61	0.71	1407.01	0.87	1688.40	1.06	1928.73	1.20	
		4	9-3216-H	137.70	1123.74	0.79	1404.68	1.02	1685.61	1.22	1928.06	1.38	
		4 1/2	9-3218-H	120.84	1111.80	0.91	1389.77	1.14	1667.72	1.38	1933.68	1.57	
		5	9-3220-H	106.40	1080.78	0.98	1350.99	1.26	1621.18	1.50	1914.79	1.77	
		5 1/2	9-3222-H	64.99	1063.85	1.10	1329.81	1.38	1595.77	1.65	1899.73	1.97	
		6	9-3224-H	86.72	1054.43	1.18	1318.03	1.50	1581.65	1.81	1872.98	2.13	
		7	9-3228-H	73.91	1052.68	1.42	1315.85	1.73	1579.00	2.09	1892.54	2.52	
		8	9-3232-H	64.80	1052.61	1.57	1315.76	2.01	1578.91	2.40	1879.72	2.85	
		10	9-3240-H	50.81	1032.22	2.01	1290.27	2.52	1548.34	2.99	1869.38	3.62	
		12	9-3248-H	41.99	1024.98	2.40	1281.23	2.99	1537.48	3.58	1881.97	4.41	