

## 2-2 Type "MG Strands" for Guy & Messenger Wire

Properties are in accordance with ASTM B416-93.

Designation	Construction Nos.		AWG (equiv.)	Stranded diameter		Cross section		Breaking load		Weight	
	in.	mm		in.	mm	in <sup>2</sup>	mm <sup>2</sup>	lb.	kg	lb./1000 ft.	kg/km
4 MG3	3/0.102	2.59	3/10 AWG	0.220	5.59	0.0245	15.8	4,500	2,060	70.61	105
5 MG3	3/0.114	2.90	3/9 AWG	0.247	6.27	0.0306	19.8	5,600	2,580	88.18	132
6 MG	7/0.081	2.06	7/12 AWG	0.242	6.15	0.0361	23.3	6,300	2,880	104.1	155
6.6 MG	7/0.083	2.11	—	0.249	6.32	0.0379	24.5	6,600	3,020	109.3	163
7 MG3	3/0.128	3.25	3/8 AWG	0.277	7.04	0.0386	24.9	7,100	3,240	111.2	165
8 MG	7/0.091	2.31	7/11 AWG	0.272	6.91	0.0455	29.3	8,000	3,620	131.4	195
5/16 in. MG3	3/0.145	3.68	3/7 AWG	5/16	7.94	0.0495	31.9	8,400	3,850	142.7	212
10 MG	7/0.102	2.59	7/10 AWG	0.306	7.77	0.0572	36.9	10,000	4,550	165.1	245
5/16 in. MG	7/0.104	2.64	—	5/16	7.94	0.0595	38.3	10,400	4,720	171.6	255
11.5 MG	7/0.110	2.79	—	0.330	8.38	0.0665	42.8	11,600	5,280	192.0	285
12.5 MG	7/0.114	2.90	7/9 AWG	0.343	8.71	0.0714	46.3	12,500	5,700	206.2	308
3/8 in. MG	7/0.120	3.05	—	3/8	9.52	0.0792	51.2	13,800	6,310	228.4	340
14 MG	7/0.121	3.07	—	0.363	9.22	0.0805	51.8	14,100	6,390	232.2	345
16 MG	7/0.128	3.25	7/8 AWG	0.386	9.80	0.0901	58.1	16,000	7,160	260.0	387
18 MG	7/0.139	3.53	—	0.417	10.6	0.1062	68.5	18,000	8,020	306.6	456
7/16 in. MG	7/0.145	3.68	7/7 AWG	7/16	11.1	0.1156	74.5	18,700	8,510	333.6	496
20 MG	7/0.148	3.75	—	0.444	11.3	0.1204	77.3	20,000	8,840	347.5	515
1/2 in. MG	7/0.165	4.19	—	1/2	12.7	0.1497	96.5	22,900	10,400	432.0	642
25 MG	7/0.173	4.39	—	0.519	13.2	0.1645	106	25,000	11,400	474.8	705

Package: Standard packaging for guy wire will be in 500-ft. coils or on 5,000-ft. reels.