

# Flagpole Windspeed Calculations For Ground Set Installations Based on ANSI/NAAMM FP 1001-07

MTG. HGT.	BUTT DIAMETER	WALL THICKNESS	TOP DIAMETER	OVERALL LENGTH	FLAG SIZE*	EXTERNAL FLAGPOLES Estate ESS - Continental ESR - Xtreme XESR				INTERNAL - WINCH - REINFORCED Sovereignty ISW - Independence IRW - Xtreme XIRW				INTERNAL - WINCH - HINGED DOOR Titan IWW - Xtreme XIWW					
						NO FLAG	S INGLE NYLON FLAG	S INGLE POLYESTER FLAG	D OUBLE NYLON FLAGS**	NO FLAG	S INGLE NYLON FLAG	S INGLE POLYESTER FLAG	D OUBLE NYLON FLAGS**	NO FLAG	S INGLE NYLON FLAG	S INGLE POLYESTER FLAG	D OUBLE NYLON FLAGS**		
15'	3"	.125"	2"	17'	3' x 5'	149	113	103	102	-	-	-	-	-	-	-	-	-	
	3"	.125"	2"	17'	2' x 3'	149	122	113	108	-	-	-	-	-	-	-	-	-	
20'	3"	.125"	2"	22'	4' x 6'	108	83	76	74	-	-	-	-	-	-	-	-	-	
	3"	.125"	2"	22'	3' x 5'	108	86	80	79	-	-	-	-	-	-	-	-	-	
	4"	.125"	2"	22'	4' x 6'	147	109	97	98	-	-	-	-	-	-	-	-	-	
	4"	.125"	2"	22'	3' x 5'	147	113	101	104	-	-	-	-	-	-	-	-	-	
	5"	.125"	3"	22'	4' x 6'	229	136	123	119	-	-	-	-	-	-	-	-	-	
	5"	.125"	3"	22'	3' x 5'	229	144	131	128	-	-	-	-	-	-	-	-	-	-
	5"	.156"	3"	22'	4' x 6'	262	160	142	136	262	160	142	136	-	-	-	-	-	
	5"	.156"	3"	22'	3' x 5'	262	171	152	148	262	171	152	148	-	-	-	-	-	
	5"	.188"	3"	22'	4' x 6'	287	182	160	153	287	182	160	153	-	-	-	-	-	
	5"	.188"	3"	22'	3' x 5'	287	195	173	168	287	195	173	168	-	-	-	-	-	
	6"	.156"	3.5"	22'	4' x 6'	301	208	187	178	301	208	187	178	256	152	135	129	-	
	6"	.156"	3.5"	22'	3' x 5'	301	220	198	195	301	220	198	195	256	163	145	141	-	
6"	.188"	3.5"	22'	4' x 6'	328	229	205	198	328	229	205	198	280	174	153	147	-		
6"	.188"	3.5"	22'	3' x 5'	328	242	218	215	328	242	218	215	280	186	165	161	-		
25'	3"	.125"	2"	26.5'	5' x 8'	83	63	58	56	-	-	-	-	-	-	-	-	-	
	3"	.125"	2"	26.5'	4' x 6'	83	66	61	59	-	-	-	-	-	-	-	-	-	
	4"	.125"	2"	26.5'	5' x 8'	106	83	75	75	-	-	-	-	-	-	-	-	-	
	4"	.125"	2"	26.5'	4' x 6'	106	87	78	78	-	-	-	-	-	-	-	-	-	
	5"	.125"	3"	26.5'	5' x 8'	136	98	90	89	-	-	-	-	-	-	-	-	-	
	5"	.125"	3"	26.5'	4' x 6'	136	102	94	92	-	-	-	-	-	-	-	-	-	
	5"	.156"	3"	26.5'	5' x 8'	178	111	99	99	178	111	99	99	-	-	-	-	-	
	5"	.156"	3"	26.5'	4' x 6'	178	117	106	104	178	117	106	104	-	-	-	-	-	
	5"	.188"	3"	26.5'	5' x 8'	209	124	112	109	209	124	112	109	-	-	-	-	-	
	5"	.188"	3"	26.5'	4' x 6'	209	132	119	116	209	132	119	116	-	-	-	-	-	
	5.5"	.188"	3.5"	26.5'	5' x 8'	231	146	130	124	-	-	-	-	-	-	-	-	-	
	5.5"	.188"	3.5"	26.5'	4' x 6'	231	158	142	133	-	-	-	-	-	-	-	-	-	
	6"	.156"	3.5"	26.5'	5' x 8'	230	149	132	126	230	149	132	126	162	100	92	90	-	
	6"	.156"	3.5"	26.5'	4' x 6'	230	160	143	135	230	160	143	135	162	105	97	94	-	
	6"	.188"	3.5"	26.5'	5' x 8'	253	168	150	143	253	168	150	143	192	112	102	99	-	
	6"	.188"	3.5"	26.5'	4' x 6'	253	180	162	154	253	180	162	154	192	119	109	105	-	
	6"	.250"	3.5"	26.5'	5' x 8'	287	197	177	169	287	197	177	169	231	137	122	118	-	
	6"	.250"	3.5"	26.5'	4' x 6'	287	210	190	181	287	210	190	181	231	148	132	126	-	
7"	.250"	3.5"	26.5'	5' x 8'	-	-	-	-	-	-	-	-	294	190	170	163	-		
7"	.250"	3.5"	26.5'	4' x 6'	-	-	-	-	-	-	-	-	294	204	184	175	-		
30'	4"	.125"	2"	33'	6' x 10'	85	66	59	58	-	-	-	-	-	-	-	-	-	
	4"	.125"	2"	33'	5' x 8'	85	68	61	60	-	-	-	-	-	-	-	-	-	
	5"	.125"	3"	33'	6' x 10'	96	78	71	71	-	-	-	-	-	-	-	-	-	
	5"	.125"	3"	33'	5' x 8'	96	80	75	74	-	-	-	-	-	-	-	-	-	
	5"	.156"	3"	33'	6' x 10'	112	86	80	78	112	86	80	78	-	-	-	-	-	
	5"	.156"	3"	33'	5' x 8'	112	89	83	81	112	89	83	81	-	-	-	-	-	
	5"	.188"	3"	33'	6' x 10'	131	94	86	85	131	94	86	85	-	-	-	-	-	
	5"	.188"	3"	33'	5' x 8'	131	97	90	89	131	97	90	89	-	-	-	-	-	
	6"	.156"	3.5"	33'	6' x 10'	174	108	98	95	174	108	98	95	98	75	71	69	-	
	6"	.156"	3.5"	33'	5' x 8'	174	113	102	100	174	113	102	100	98	77	73	71	-	
	6"	.188"	3.5"	33'	6' x 10'	197	122	110	106	197	122	110	106	114	83	77	75	-	
	6"	.188"	3.5"	33'	5' x 8'	197	129	116	112	197	129	116	112	114	86	80	78	-	
	6"	.250"	3.5"	33'	6' x 10'	229	150	132	126	229	150	132	126	159	98	90	87	-	
	6"	.250"	3.5"	33'	5' x 8'	229	159	142	135	229	159	142	135	159	102	94	91	-	
7"	.188"	3.5"	33'	6' x 10'	235	157	140	134	235	157	140	134	188	113	103	99	-		
7"	.188"	3.5"	33'	5' x 8'	235	165	150	143	235	165	150	143	188	119	108	104	-		
8"	.250"	3.5"	33'	6' x 10'	-	-	-	-	-	-	-	-	269	178	160	152	-		
8"	.250"	3.5"	33'	5' x 8'	-	-	-	-	-	-	-	-	269	188	170	162	-		
35'	5"	.125"	3"	38.5'	6' x 10'	78	66	60	60	-	-	-	-	-	-	-	-	-	
	5"	.125"	3"	38.5'	5' x 8'	78	67	63	62	-	-	-	-	-	-	-	-	-	
	5"	.156"	3"	38.5'	6' x 10'	87	73	68	66	87	73	68	66	-	-	-	-	-	
	5"	.156"	3"	38.5'	5' x 8'	87	75	70	69	87	75	70	69	-	-	-	-	-	
	5"	.188"	3"	38.5'	6' x 10'	95	79	73	72	95	79	73	72	-	-	-	-	-	
	5"	.188"	3"	38.5'	5' x 8'	95	81	75	75	95	81	75	75	-	-	-	-	-	
	6"	.156"	3.5"	38.5'	6' x 10'	116	87	79	78	116	87	79	78	-	-	-	-	-	
	6"	.156"	3.5"	38.5'	5' x 8'	116	90	81	81	116	90	81	81	-	-	-	-	-	
	6"	.188"	3.5"	38.5'	6' x 10'	145	97	90	87	145	97	90	87	-	-	-	-	-	
	6"	.188"	3.5"	38.5'	5' x 8'	145	101	92	91	145	101	92	91	-	-	-	-	-	
	7"	.156"	3.5"	38.5'	6' x 10'	165	110	101	97	165	110	101	97	106	80	75	73	-	
	7"	.156"	3.5"	38.5'	5' x 8'	165	116	106	102	165	116	106	102	106	83	78	76	-	
	7"	.188"	3.5"	38.5'	6' x 10'	187	127	114	109	187	127	114	109	127	90	84	81	-	
	7"	.188"	3.5"	38.5'	5' x 8'	187	134	121	115	187	134	121	115	127	93	87	84	-	
7"	.250"	3.5"	38.5'	6' x 10'	219	153	138	131	-	-	-	-	-	-	-	-	-		
7"	.250"	3.5"	38.5'	5' x 8'	219	161	140	140	-	-	-	-	-	-	-	-	-		

\*NAAMM recommended maximum flag sizes are shaded.

\*\*Double Flags calculated on NANMM recommended maximum size and one size down (i.e. 5' x 8' and 4' x 6' for 25' flagpoles). Exception: 2' x 3' use the same size for both flags.

# Flagpole Windspeed Calculations For Ground Set Installations Based on ANSI/NAAMM FP 1001-07

MTG. HGT.	BUTT DIAMETER	WALL THICKNESS	TOP DIAMETER	OVERALL LENGTH	FLAG SIZE*	EXTERNAL FLAGPOLES Estate ESS - Continental ESR - Xtreme XESR				INTERNAL - WINCH - REINFORCED Sovereignty ISW - Independence IRW - Xtreme XIRW				INTERNAL - WINCH - HINGED DOOR Titan IWW - Xtreme XIWW			
						S No FLAG	INGLE NYLON FLAG	SINGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**	S No FLAG	INGLE NYLON FLAG	SINGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**	S No FLAG	INGLE NYLON FLAG	SINGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**
						No FLAG	INGLE NYLON FLAG	SINGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**	No FLAG	INGLE NYLON FLAG	SINGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**	No FLAG	INGLE NYLON FLAG	SINGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**
35'	8"	.188"	4"	38.5'	6' x 10'	-	-	-	-	213	155	140	134	179	119	107	102
	8"	.188"	4"	38.5'	5' x 8'	-	-	-	-	213	162	148	142	179	125	113	108
	8"	.250"	4"	38.5'	6' x 10'	249	181	164	157	249	181	164	157	212	144	130	123
	8"	.250"	4"	38.5'	5' x 8'	249	189	172	166	249	189	172	166	212	151	137	131
	8"	.312"	3.5"	38.5'	6' x 10'	-	-	-	-	-	-	-	-	237	164	148	141
8"	.312"	3.5"	38.5'	5' x 8'	-	-	-	-	-	-	-	-	237	173	157	150	
40'	7"	.156"	3.5"	44'	8' x 12'	122	87	79	78	122	87	79	78	80	65	61	60
	7"	.156"	3.5"	44'	6' x 10'	122	90	82	81	122	90	82	81	80	66	63	61
	8"	.156"	4"	44'	8' x 12'	157	107	96	93	157	107	96	93	112	80	74	72
	8"	.156"	4"	44'	6' x 10'	157	113	102	98	157	113	102	98	112	83	78	75
	8"	.188"	4"	44'	8' x 12'	177	123	110	106	177	123	110	106	136	90	83	80
	8"	.188"	4"	44'	6' x 10'	177	129	118	112	177	129	118	112	136	94	87	84
	8"	.250"	4"	44'	8' x 12'	205	146	132	127	205	146	132	127	167	110	100	96
	8"	.250"	4"	44'	6' x 10'	205	154	141	134	205	154	141	134	167	117	106	101
	8"	.312"	3.5"	44'	8' x 12'	231	165	150	144	-	-	-	-	-	-	-	-
	8"	.312"	3.5"	44'	6' x 10'	231	174	159	151	-	-	-	-	-	-	-	-
	10"	.188"	4"	44'	8' x 12'	-	-	-	-	226	166	148	145	204	141	127	122
	10"	.188"	4"	44'	6' x 10'	-	-	-	-	226	174	156	152	204	149	135	129
	10"	.250"	4"	44'	8' x 12'	-	-	-	-	259	192	171	169	234	166	151	145
	10"	.250"	4"	44'	6' x 10'	-	-	-	-	259	201	179	177	234	175	160	152
45'	8"	.188"	4"	49.5'	8' x 12'	144	102	92	89	144	102	92	89	100	76	70	68
	8"	.188"	4"	49.5'	6' x 10'	144	107	97	94	144	107	97	94	100	79	73	71
	8"	.250"	4"	49.5'	8' x 12'	-	-	-	-	173	125	115	108	-	-	-	-
	8"	.250"	4"	49.5'	6' x 10'	-	-	-	-	173	131	122	114	-	-	-	-
	10"	.188"	4"	49.5'	8' x 12'	-	-	-	-	192	143	130	125	167	118	107	102
	10"	.188"	4"	49.5'	6' x 10'	-	-	-	-	192	150	137	132	167	124	114	108
	10"	.219"	4"	49.5'	8' x 12'	-	-	-	-	208	156	141	137	-	-	-	-
	10"	.219"	4"	49.5'	6' x 10'	-	-	-	-	208	163	148	144	-	-	-	-
	10"	.250"	4"	49.5'	8' x 12'	-	-	153	-	-	-	153	-	-	-	-	-
	10"	.250"	4"	49.5'	6' x 10'	226	168	159	155	226	168	159	155	-	-	-	-
50'	8"	.188"	3.5"	55'	10' x 15'	117	83	75	74	117	83	75	74	-	-	-	-
	8"	.188"	3.5"	55'	8' x 12'	117	86	79	77	117	86	79	77	-	-	-	-
	10"	.188"	4"	55'	10' x 15'	164	118	107	103	164	118	107	103	136	94	87	84
	10"	.188"	4"	55'	8' x 12'	164	123	113	109	164	123	113	109	136	99	91	88
	10"	.250"	4"	55'	10' x 15'	191	140	126	123	191	140	126	123	165	115	104	100
	10"	.250"	4"	55'	8' x 12'	191	147	132	130	191	147	132	130	165	121	110	106
	10"	.312"	4"	55'	10' x 15'	213	158	143	139	213	158	143	139	186	132	120	115
	10"	.312"	4"	55'	8' x 12'	213	165	150	147	213	165	150	147	186	139	127	121
	12"	.250"	4"	55'	10' x 15'	242	179	156	157	242	179	156	157	222	158	143	138
	12"	.250"	4"	55'	8' x 12'	242	187	163	166	242	187	163	166	222	166	152	145
	12"	.250"	4"	55'	10' x 15'	-	-	-	-	-	-	-	-	246	178	162	156
	12"	.250"	4"	55'	8' x 12'	-	-	-	-	-	-	-	-	246	187	172	164
	55'	10"	.188"	4"	60.5'	10' x 15'	139	102	94	90	139	102	94	90	-	-	-
10"		.188"	4"	60.5'	8' x 12'	139	107	99	95	139	107	99	95	-	-	-	-
60'	10"	.188"	4"	66'	12' x 18'	118	86	78	76	118	86	78	76	89	68	63	61
	10"	.188"	4"	66'	10' x 15'	118	89	81	79	118	89	81	79	89	70	66	64
	10"	.250"	4"	66'	12' x 18'	143	104	95	91	143	104	95	91	113	82	76	73
	10"	.250"	4"	66'	10' x 15'	143	108	99	96	143	108	99	96	113	85	79	76
	10"	.312"	4"	66'	12' x 18'	-	-	-	-	162	119	110	104	-	-	-	-
	10"	.312"	4"	66'	10' x 15'	-	-	-	-	162	124	115	109	-	-	-	-
	12"	.250"	4"	66'	12' x 18'	187	137	122	120	187	137	123	120	166	117	106	101
	12"	.250"	4"	66'	10' x 15'	187	142	128	126	187	142	128	126	166	121	111	107
	12"	.312"	4"	66'	12' x 18'	209	155	138	136	209	155	138	136	-	-	-	-
	12"	.312"	4"	66'	10' x 15'	209	161	143	142	209	161	143	142	-	-	-	-
	12"	.375"	4"	66'	12' x 18'	228	171	151	150	228	171	151	150	205	149	136	130
	12"	.375"	4"	66'	10' x 15'	228	177	157	157	228	177	157	157	205	155	142	137
65'	10"	.312"	4"	71.5'	12' x 18'	142	106	97	93	142	106	97	93	-	-	-	-
	10"	.312"	4"	71.5'	10' x 15'	142	109	100	97	142	109	100	97	-	-	-	-
	12"	.250"	4"	71.5'	12' x 18'	165	122	111	105	165	122	111	105	-	-	-	-
	12"	.250"	4"	71.5'	10' x 15'	165	127	115	109	165	127	115	109	-	-	-	-
70'	10"	.312"	4"	77'	12' x 18'	123	94	85	82	123	94	85	82	94	72	67	65
	10"	.312"	4"	77'	10' x 15'	123	97	89	86	123	97	89	86	94	74	70	68
	12"	.250"	4"	77'	12' x 18'	145	109	100	96	145	109	100	96	122	90	84	81
	12"	.250"	4"	77'	10' x 15'	145	113	103	101	145	113	103	101	122	94	87	85
	12"	.375"	4"	77'	12' x 18'	181	139	126	123	181	139	126	123	-	-	-	-
	12"	.375"	4"	77'	10' x 15'	181	144	130	128	181	144	130	128	-	-	-	-
75'	12"	.375"	4"	82.5'	12' x 18'	161	126	115	111	161	126	115	111	-	-	-	-
	12"	.375"	4"	82.5'	10' x 15'	161	130	119	116	161	130	119	116	-	-	-	-
80'	12"	.375"	4"	88'	15' x 25'	144	107	99	95	144	107	99	95	121	89	82	80
	12"	.375"	4"	88'	12' x 18'	144	113	105	103	144	113	105	103	121	94	87	84

\*NAAMM recommended maximum flag sizes are shaded.

\*\*Double Flags calculated on NANMM recommended maximum size and one size down (i.e. 5' x 8' and 4' x 6' for 25' flagpoles). Exception: 2' x 3' use the same size for both flags.

# Flagpole Windspeed Calculations For Ground Set Installations

Based on ANSI/NAAMM FP 1001-07

MTG. HGT.	BUTT DIAMETER	WALL THICKNESS	TOP DIAMETER	OVERALL LENGTH	FLAG SIZE*	INTERNAL - CAM CLEAT - REINFORCED Sentry ISC - Sentry II IRC				INTERNAL - CAM CLEAT - HINGED DOOR Monarch ICC			
						No FLAG	S INGLE NYLON FLAG	S INGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**	No FLAG	S INGLE NYLON FLAG	S INGLE POLYESTER FLAG	DOUBLE NYLON FLAGS**
20'	5"	.125"	3"	22'	4' x 6'	229	136	123	119	204	117	108	105
	5"	.125"	3"	22'	3' x 5'	229	144	131	128	204	123	113	111
	5"	.156"	3"	22'	4' x 6'	262	160	142	136	244	134	121	118
	5"	.156"	3"	22'	3' x 5'	262	171	152	148	244	142	129	126
	5"	.188"	3"	22'	4' x 6'	287	182	160	153	272	151	135	130
	5"	.188"	3"	22'	3' x 5'	287	195	173	168	272	162	144	141
	6"	.156"	3.5"	22'	4' x 6'	301	208	187	178	301	194	171	164
	6"	.156"	3.5"	22'	3' x 5'	301	220	198	195	301	206	185	180
25'	5"	.188"	3.5"	22'	4' x 6'	328	229	205	198	328	215	192	183
	6"	.188"	3.5"	22'	3' x 5'	328	242	218	215	328	228	205	200
	5"	.125"	3"	26.5'	5' x 8'	136	98	90	89	110	84	78	76
	5"	.125"	3"	26.5'	4' x 6'	136	102	94	92	110	87	82	79
	5"	.156"	3"	26.5'	5' x 8'	178	111	99	99	129	93	87	84
	5"	.156"	3"	26.5'	4' x 6'	178	117	106	104	129	97	91	88
	5"	.188"	3"	26.5'	5' x 8'	209	124	112	109	157	102	94	92
	5"	.188"	3"	26.5'	4' x 6'	209	132	119	116	157	107	100	96
	5.5"	.188"	3.5"	26.5'	5' x 8'	231	146	130	124	209	120	109	105
	5.5"	.188"	3.5"	26.5'	4' x 6'	231	158	142	133	209	128	116	111
	6"	.156"	3.5"	26.5'	5' x 8'	230	149	132	126	216	126	114	110
	6"	.156"	3.5"	26.5'	4' x 6'	230	160	143	135	216	136	122	117
30'	6"	.188"	3.5"	26.5'	5' x 8'	253	168	150	143	240	144	128	123
	6"	.188"	3.5"	26.5'	4' x 6'	253	180	162	154	240	156	139	132
	6"	.250"	3.5"	26.5'	5' x 8'	287	197	177	169	274	174	154	148
	6"	.250"	3.5"	26.5'	4' x 6'	287	210	190	181	274	187	167	159
	5"	.125"	3"	33'	6' x 10'	96	78	71	71	-	-	-	-
	5"	.125"	3"	33'	5' x 8'	96	80	75	74	-	-	-	-
	5"	.156"	3"	33'	6' x 10'	112	86	80	78	90	72	67	65
	5"	.156"	3"	33'	5' x 8'	112	89	83	81	90	74	70	68
	5"	.188"	3"	33'	6' x 10'	131	94	86	85	-	-	-	-
	5"	.188"	3"	33'	5' x 8'	131	97	90	89	-	-	-	-
	6"	.156"	3.5"	33'	6' x 10'	174	108	98	95	138	91	85	82
	6"	.156"	3.5"	33'	5' x 8'	174	113	102	100	138	95	88	86
35'	6"	.188"	3.5"	33'	6' x 10'	197	122	110	106	170	102	94	91
	6"	.188"	3.5"	33'	5' x 8'	197	129	116	112	170	107	98	95
	6"	.250"	3.5"	33'	6' x 10'	229	150	132	126	-	-	-	-
	6"	.250"	3.5"	33'	5' x 8'	229	159	142	135	-	-	-	-
	7"	.188"	3.5"	33'	6' x 10'	235	157	140	134	-	-	-	-
	7"	.188"	3.5"	33'	5' x 8'	235	165	150	143	-	-	-	-
	5"	.125"	3"	38.5'	6' x 10'	78	66	60	60	-	-	-	-
	5"	.125"	3"	38.5'	5' x 8'	78	67	63	62	-	-	-	-
	5"	.156"	3"	38.5'	6' x 10'	87	73	68	66	-	-	-	-
	5"	.156"	3"	38.5'	5' x 8'	87	75	70	69	-	-	-	-
	5"	.188"	3"	38.5'	6' x 10'	95	79	73	72	-	-	-	-
	5"	.188"	3"	38.5'	5' x 8'	95	81	75	75	-	-	-	-
6"	.156"	3.5"	38.5'	6' x 10'	116	87	79	78	93	74	70	68	
6"	.156"	3.5"	38.5'	5' x 8'	116	90	81	81	93	76	72	70	
6"	.188"	3.5"	38.5'	6' x 10'	145	97	90	87	107	81	76	74	
6"	.188"	3.5"	38.5'	5' x 8'	145	101	92	91	107	84	79	77	
7"	.156"	3.5"	38.5'	6' x 10'	165	110	101	97	142	95	88	85	
7"	.156"	3.5"	38.5'	5' x 8'	165	116	106	102	142	99	92	89	
7"	.188"	3.5"	38.5'	6' x 10'	187	127	114	109	167	107	99	95	
7"	.188"	3.5"	38.5'	5' x 8'	187	134	121	115	167	112	103	99	
8"	.188"	4"	38.5'	6' x 10'	213	155	140	134	-	-	-	-	
8"	.188"	4"	38.5'	5' x 8'	213	162	148	142	-	-	-	-	
8"	.250"	4"	38.5'	6' x 10'	244	181	164	157	-	-	-	-	
8"	.250"	4"	38.5'	5' x 8'	244	189	172	167	-	-	-	-	
40'	7"	.156"	3.5"	44'	8' x 12'	122	87	79	78	99	75	70	68
	7"	.156"	3.5"	44'	6' x 10'	122	90	82	81	99	78	73	71
	8"	.156"	4"	44'	8' x 12'	157	107	96	93	141	93	85	83
	8"	.156"	4"	44'	6' x 10'	157	113	102	98	141	97	90	86
	8"	.188"	4"	44'	8' x 12'	177	123	110	106	162	106	96	93
	8"	.188"	4"	44'	6' x 10'	177	129	118	112	162	112	102	97
	8"	.250"	4"	44'	8' x 12'	205	146	132	127	-	-	-	-
	8"	.250"	4"	44'	6' x 10'	205	154	141	134	-	-	-	-

\*NAAMM recommended maximum flag sizes are shaded.

\*\*Double Flags calculated on NANMM recommended maximum size and one size down (i.e. 5' x 8" and 4' x 6" for 25' flagpoles).  
Exception: 2' x 3' use the same size for both flags.