



Messenger Strands Datasheet

Provide reliable support to telecommunication lines with Bekaert steel messenger strand. Bekaert offers a variety of strengths and coatings and specifications include ASTM 475, Bell (e.g. 6M, 6.6M, 10M) and ASTM A855.

Minimum Breaking Strength (lbs)

Minimum weight of coating oz/ft²

Strand diameter (in)	Wires per strand	Coated wire diameter (in)	Approx. strand weight/1000 ft (lbs)	Minimum Breaking Strength (lbs)					Minimum weight of coating oz/ft ²			
				Utility grades	Common grade	Siemens-Martin Grade	High strength grade	Extra high strength grade	Class A	Class B	Class C	Bezial®
3/16	7	0.062	73	...	1,150	1,900	2,850	3,990	0.50	1.00	1.50	0.50
3/16	7	0.065	80	2,400	...	...	...	...	0.50	1.00	1.50	0.50
7/32	7	0.072	98	...	1,540	2,560	3,850	5,400	0.50	1.00	1.50	0.50
1/4	3	0.120	117	3,150	1,860	3,040	4,730	6,740	0.85	1.70	2.55	0.85
1/4	3	0.120	117	4,500	...	...	...	...	0.85	1.70	2.55	0.85
1/4	7	0.080	121	...	1,900	3,150	4,750	6,650	0.60	1.20	1.80	0.60
9/32	7	0.093	164	4,600	2,570	4,250	6,400	8,950	0.70	1.40	2.10	0.70
5/16	3	0.145	171	6,500	2,490	4,090	6,350	9,100	0.90	1.80	2.70	0.90
5/16	7	0.104	205	...	3,200	5,350	8,000	11,200	0.80	1.60	2.40	0.80
5/16	7	0.109	225	6,000	...	...	...	...	0.80	1.60	2.40	0.80
3/8	3	0.165	220	8,500	3,330	5,560	8,360	11,800	0.90	1.80	2.70	0.90
3/8	7	0.120	273	11,500	4,250	6,950	10,800	15,400	0.85	1.70	2.55	0.85
7/16	7	0.145	399	18,000	5,700	12,100	14,500	20,800	0.90	1.80	2.70	0.90
1/2	7	0.165	517	25,000	7,400	9,350	18,800	26,900	0.90	1.80	2.70	0.90
1/2	19	0.100	504	...	7,620	12,700	19,100	26,700	0.70	1.40	2.10	0.70
9/16	7	0.188	671	...	9,600	15,700	24,500	35,000	1.00	2.00	3.00	1.00
9/16	19	0.113	637	...	9,640	16,100	24,100	33,700	0.80	1.60	2.40	0.80
5/8	19	0.125	796	...	11,000	18,100	28,100	40,200	0.85	1.70	2.55	0.85
3/4	19	0.150	1,155	...	16,000	26,200	40,800	58,300	0.90	1.80	2.70	0.90
7/8	19	0.177	1,581	...	21,900	35,900	55,800	79,700	0.90	n/a	2.70	0.90

1x3 Ground Wire, 5/16", Class C Grade BB, ASTM A111 and A475

ISO 14001 certified

ISO 9001 certified

