

PRODUCT SPECIFICATIONS

AMSTEEL®BLUE



AmSteel-Blue is a high-performance 12-strand single braid of 100% Dyneema® fiber, AmSteel-Blue yields the maximum strength-to-weight ratio, very low stretch, and is stronger than the same sized wire rope—but it's so light, it floats. It has extremely low stretch, superior flex fatigue, and wear resistance. Made with Dyneema® fiber, AmSteel-Blue is Samthane coated, which enhances the fiber's already high abrasion and cut resistant characteristics. It's the highest strength single braid Samson makes. Samthane coating enhances this rope's already high abrasion and cut resistance. AmSteel®-Blue is recommended for split-drum winch applications. It is not recommended for use on H-bitts, capstans, or cleats if surging or rendering the rope is required. AmSteel-Blue is a high-performance 12-strand single braid of 100% Dyneema® fiber, AmSteel-Blue yields the maximum strength-to-weight ratio, very low stretch, and is stronger than the same sized wire rope—but it's so light, it floats. It has extremely low stretch, superior flex fatigue, and wear resistance. Made with Dyneema® fiber, AmSteel-Blue is Samthane coated, which enhances the fiber's already high abrasion and cut resistant characteristics. It's the highest strength single braid Samson makes. Samthane coating enhances this rope's already high abrasion and cut resistance. AmSteel®-Blue is recommended for split-drum winch applications. It is not recommended for use on H-bitts, capstans, or cleats if surging or rendering the rope is required. AmSteel-Blue has been verified by ABS according to MEG4, and is type approved by: ABS, BV, DNV, Lloyd's, and RMRS. AmSteel-Blue is available with the option of sustainable, bio-sourced fiber. Now, reducing your impact on the planet doesn't mean reducing quality or sacrificing strength.



FEATURES AND BENEFITS:

- > Abrasion resistant
- > Bio-sourced fiber available
- > Easy to inspect
- > Easy to splice
- > Excellent wear characteristics
- > Extremely low stretch
- > Flexible
- > Floats
- > High strength
- > Highly flex-fatigue resistant
- > Lightweight
- > Maximum strength-to-weight ratio
- > Samthane coated
- > Similar elastic elongation to wire rope
- > Torque-free construction
- > Wire rope replacement

PRODUCT CODE: 872

FIBER: HMPE

SPECIFIC GRAVITY: 0.98

SPLICE/CLASS: 12-Strand Class II

ELASTIC ELONGATION:

At percent of break strength

10%0.46%

20%0.70%

30%0.96%

COLOR OPTIONS:

Blue, some sizes also available by special order in black, gray, green, orange, red, or yellow



APPLICATIONS INCLUDE:

- > Pulling / Stringing Line
- > Winch Line

Size 7/64" (2.5 mm) changes from 12-strand to 8-strand construction. ISO strength specifications are for unspliced rope. All other strength specifications are for spliced rope.

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DIAM. (MM)	CIRC. (MM)	WEIGHT PER 100 M (KG)	AVG. STRENGTH (KG)	MIN. STRENGTH (KG)	ISO 2307 STRENGTH (METRIC TONS)
2.5	7.5	0.45	730	650	0.73
3	9	0.74	1,100	1,000	1.1
4	12	1.1	1,800	1,600	1.8
5	15	1.5	2,400	2,200	2.4
6	18	2.4	3,900	3,500	3.9
8	24	4	6,200	5,600	6.2
9	27	5.1	8,900	8,000	8.9
11	33	6.7	10,800	9,800	10.8
12	36	8.8	15,400	13,900	15.4
14	42	11.8	18,400	16,500	18.4
16	48	15.2	24,000	21,600	24
18	54	19.8	29,200	26,300	29.2
20	60	25.3	37,200	33,500	37.2
22	66	29.2	41,200	37,100	41.2
24	72	32.4	49,400	44,500	49.4
25	75	38.7	56,700	51,000	56.7
26	78	40.9	60,800	54,700	60.8
28	84	47.5	67,100	60,400	67.1
30	90	53.9	74,800	67,400	74.8
32	96	62.2	84,000	75,600	84
34	100	67	93,000	83,700	93
36	108	76.9	103,000	93,100	103
38	114	85.7	115,000	104,000	115
40	120	97	128,000	116,000	128
42	126	106	139,000	125,000	139
44	132	117	152,000	137,000	152
48	144	129	178,000	160,000	178
50	150	141	190,000	171,000	190
52	156	162	207,000	187,000	207
56	168	173	244,000	219,000	244
60	180	220	267,000	240,000	267
64	192	248	300,000	270,000	300
68	204	278	333,000	300,000	333
72	216	307	377,000	340,000	377



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76	228	339	417,000	376,000	417
80	240	357	457,000	411,000	457
82	246	394	508,000	457,000	508
86	254	439	531,000	478,000	531
88	264	506	662,000	596,000	662
92	272	539	738,000	664,000	738
96	288	594	825,000	743,000	825
104	312	673	920,000	828,000	920
110	328	750	1,019,000	917,000	1,019
112	336	820	1,117,000	1,005,000	1,117
120	360	906	1,220,000	1,098,000	1,220
128	384	992	1,329,000	1,196,000	1,329
134	400	1,086	1,444,000	1,299,000	1,444
146	438	1,180	1,562,000	1,406,000	1,562
152	456	1,219	1,618,000	1,457,000	1,618
156	468	1,281	1,681,000	1,513,000	1,681
158	474	1,375	1,805,000	1,624,000	1,805
164	492	1,485	1,934,000	1,741,000	1,934
168	504	1,531	2,000,000	1,800,000	2,000



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