

# Link-It Max™ Product Code: 407

## FOR LIFTING APPLICATIONS

### TECHNICAL SPECIFICATIONS

**FIBER:** High Modulus Polyethylene (HMPE)

**CONSTRUCTION:** Fabricated 12-strand

**COLOR:** Blue rope with black chafe protection and orange tag

#### FEATURES & BENEFITS:

- > High strength
- > Light weight; less likely to cause injury
- > Less chafe damage on wear points
- > Shorter connection lengths
- > Quick, easy attachment and detachment
- > Will not corrode or rust

#### APPLICATIONS INCLUDE:

**MINING/UTILITY**

- > Lifting sling connections



Built specifically for lifting applications, *Link-It Max* is a button-knot soft shackle made with Samson's flagship *AmSteel®Blue* 12-strand rope, a durable chafe jacket and unique and patent pending secondary locking mechanism.

A lightweight and safe alternative to steel shackles, *Link-It Max* will not corrode or rust. Each soft shackle comes tagged with rating information and is designed in alignment with the principles defined by ASME B30.26 and B30.9-4. Pair *Link-It Max* with *Taurus™* Lifting Slings for the ultimate lightweight lifting system.

Specifications only apply to Samson manufactured *Link-It Max* soft shackles. Samson provides all *Link-It Max* soft shackles with a durable tag. Please refer to tag for important use information.

*Link-It Max works seamlessly with Samson's Taurus lifting slings, creating a perfect lightweight lifting assembly.*



5:1 WORKING LOAD LIMIT (WLL) TONS	OVERALL SHACKLE LENGTH (CLOSED) INCHES	BASE ROPE DIAMETER INCHES	MINIMUM BEND DIAMETER INCHES	KNOT DIAMETER* INCHES	EFFECTIVE WIDTH		UNIT WEIGHT POUNDS
					LARGE SIDE INCHES	SMALL SIDE INCHES	
5 tons	10"	7/16"	0.7"	2.2"	1.4"	0.88"	0.40 lb
10 tons	17"	3/4"	1.1"	3.9"	2.4"	1.5"	2.0 lb
15 tons	19"	7/8"	1.3"	4.6"	2.8"	1.8"	3.4 lb
20 tons	22"	1"	1.5"	5.3"	3.2"	2.0"	4.3 lb
25 tons	25"	1-1/8"	1.7"	6.0"	3.6"	2.3"	7.2 lb
30 tons	28"	1-1/4"	1.9"	6.7"	4.0"	2.5"	9.1 lb
35 tons	30"	1-3/8"	2.1"	7.4"	4.4"	2.8"	12.3 lb
40 tons	33"	1-1/2"	2.3"	8.0"	4.8"	3.0"	15.4 lb
45 tons	34"	1-9/16"	2.3"	8.4"	5.0"	3.1"	17.9 lb
50 tons	37"	1-11/16"	2.5"	9.1"	5.4"	3.4"	23.8 lb
55 tons	39"	1-3/4"	2.6"	9.4"	5.6"	3.5"	27.5 lb
70 tons	44"	2"	3.0"	10.8"	6.4"	4.0"	34.4 lb
75 tons	47"	2-1/8"	3.2"	11.5"	6.8"	4.3"	46.2 lb
85 tons	50"	2-1/4"	3.4"	12.2"	7.2"	4.5"	52.2 lb
105 tons	55"	2-1/2"	3.8"	13.5"	8.0"	5.0"	73.7 lb
110 tons	58"	2-5/8"	3.9"	14.2"	8.4"	5.3"	87.5 lb
120 tons	61"	2-3/4"	4.1"	14.9"	8.8"	5.5"	102.8 lb
140 tons	66"	3"	4.5"	16.3"	9.6"	6.0"	123.1 lb

*\*Knot diameter measured at reference load*



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5:1 WORKING LOAD LIMIT (WLL) METRIC TONS	OVERALL SHACKLE LENGTH (CLOSED) METERS	BASE ROPE DIAMETER MM	MINIMUM BEND DIAMETER MM	KNOT DIAMETER* MM	EFFECTIVE WIDTH		UNIT WEIGHT KILOGRAMS
					LARGE SIDE MM	SMALL SIDE MM	
4.5 mt	0.26 m	11 mm	17.8 mm	55 mm	36 mm	22 mm	0.18 kg
11 mt	0.43 m	18 mm	27.9 mm	100 mm	61 mm	38 mm	0.91 kg
15 mt	0.49 m	22 mm	33.0 mm	115 mm	71 mm	44 mm	1.5 kg
19 mt	0.56 m	24 mm	38.1 mm	135 mm	81 mm	51 mm	2.0 kg
24 mt	0.64 m	28 mm	43.2 mm	150 mm	91 mm	57 mm	3.3 kg
28 mt	0.71 m	30 mm	48.3 mm	170 mm	102 mm	64 mm	4.1 kg
34 mt	0.76 m	34 mm	53.3 mm	185 mm	112 mm	70 mm	5.6 kg
39 mt	0.84 m	36 mm	58.4 mm	205 mm	122 mm	76 mm	7.0 kg
42 mt	0.87 m	38 mm	58.4 mm	215 mm	127 mm	79 mm	8.1 kg
48 mt	0.94 m	42 mm	63.5 mm	230 mm	137 mm	86 mm	10.8 kg
51 mt	0.99 m	44 mm	66.0 mm	240 mm	142 mm	89 mm	12.5 kg
65 mt	1.12 m	48 mm	76.2 mm	275 mm	163 mm	102 mm	15.6 kg
72 mt	1.20 m	52 mm	81.3 mm	290 mm	173 mm	108 mm	21.0 kg
79 mt	1.27 m	56 mm	86.4 mm	310 mm	183 mm	114 mm	23.7 kg
95 mt	1.40 m	60 mm	96.5 mm	345 mm	203 mm	127 mm	33.4 kg
104 mt	1.48 m	64 mm	99.1 mm	360 mm	213 mm	133 mm	39.7 kg
112 mt	1.55 m	68 mm	104 mm	380 mm	224 mm	140 mm	46.6 kg
131 mt	1.68 m	72 mm	114 mm	415 mm	244 mm	152 mm	55.8 kg

\*Knot diameter measured at reference load



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