

Link-It™ Plus

Product Code: 812

COMMERCIAL MARINE

TECHNICAL SPECIFICATIONS

FIBER: High Modulus Polyethylene (HMPE)

SPECIFIC GRAVITY: 0.98 (floats)

CONSTRUCTION: Fabricated 12-strand

COLOR: Blue with orange tag

FEATURES & BENEFITS:

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

APPLICATIONS INCLUDE:

WORKBOAT

- > Pendant/mainline connection
- > Pendant eye handle
- > Messenger/pendant connection
- > Emergency bridle connection
- > Drum termination
- > Backer/mainline connection
- > Naval vessel general applications

Link-It Plus CM delivers connection without compromise. Constructed from Samson's AmSteel®Blue HMPE fiber, it provides a lightweight, corrosion-free alternative to traditional steel shackles and metal connectors—offering high strength without added weight or risk of corrosion. Its engineered design promotes balanced loading under tension, seating securely against the button knot for a stable, low-profile connection. Purpose-built for short connection lengths, Link-It Plus CM minimizes hardware footprint while maintaining full strength performance and can serve as an overload indicator in critical applications. A single-loop configuration enables fast, intuitive installation, and full-length chafe protection enhances durability in demanding environments. Link-It Plus CM comes standard with Samson's IntelliTag™, an integrated RFID-enabled identification solution that supports critical rope traceability and asset management.

MINIMUM STRENGTH RATING POUNDS	OVERALL SHACKLE LENGTH (CLOSED) INCHES	BASE ROPE DIAMETER INCHES	MINIMUM BEND DIAMETER INCHES	KNOT DIAMETER* INCHES
63,700 lb	11"	1/2"	0.8"	2.6"
92,600 lb	14"	5/8"	0.9"	3.2"
126,000 lb	17"	3/4"	1.1"	3.9"
144,000 lb	18"	13/16"	1.2"	4.3"
163,000 lb	19"	7/8"	1.3"	4.6"
204,000 lb	22"	1"	1.5"	5.3"
275,000 lb	25"	1-1/8"	1.7"	6.0"
353,000 lb	29"	1-5/16"	2.0"	7.0"
437,000 lb	33"	1-1/2"	2.3"	8.0"
497,000 lb	36"	1-5/8"	2.4"	8.7"
559,000 lb	39"	1-3/4"	2.6"	9.4"
693,000 lb	44"	2"	3.0"	10.8"
836,000 lb	50"	2-1/4"	3.4"	12.2"
898,000 lb	55"	2-1/2"	3.8"	13.5"
1,009,000 lb	59"	2-11/16"	4.0"	14.6"

MINIMUM STRENGTH RATING METRIC TONS	OVERALL SHACKLE LENGTH (CLOSED) METERS	BASE ROPE DIAMETER MILLIMETERS	MINIMUM BEND DIAMETER MILLIMETERS	KNOT DIAMETER* MILLIMETERS
28.9 mt	0.3 m	12 mm	20.3 mm	66 mm
42.0 mt	0.4 m	16 mm	22.9 mm	81 mm
57.0 mt	0.4 m	18 mm	27.9 mm	99 mm
65.2 mt	0.5 m	20 mm	30.5 mm	109 mm
73.8 mt	0.5 m	22 mm	33.0 mm	117 mm
92.4 mt	0.6 m	24 mm	38.1 mm	135 mm
125 mt	0.6 m	28 mm	43.2 mm	152 mm
160 mt	0.7 m	32 mm	50.8 mm	178 mm
198 mt	0.8 m	36 mm	58.4 mm	203 mm
226 mt	0.9 m	40 mm	61.0 mm	221 mm
254 mt	1.0 m	44 mm	66.0 mm	239 mm
314 mt	1.1 m	48 mm	76.2 mm	274 mm
379 mt	1.3 m	56 mm	76.2 mm	310 mm
408 mt	1.4 m	60 mm	96.5 mm	343 mm
458 mt	1.5 m	66 mm	102 mm	371 mm

*Knot diameter measured under reference load.



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