

QUANTUM-X

CLASS II 12-STRAND

Quantum-X Utilizes Dyneema SK78 fiber, a new fiber based on the same technology that has made Dyneema high modulus polyethylene (HMPE) fiber the best performing, most consistent fiber for use in rope and cordage products. It also utilizes Samson's patented DPX fiber technology. This unique process incorporates a textured fiber on the surface of the high modulus Dyneema fiber yarns. The result is a rope that maintains the advantages of Dyneema (extreme strength and light weight, cut and abrasion resistance), and adds a higher coefficient of friction for use where enhanced grip is critical. A high-visibility orange Samthane coating provides additional abrasion resistance, while a black longitudinal line aids in identifying twist to help mitigate the damage it can cause.



WITH

Dyneema®

SAMSON
PATENTED
TECHNOLOGY

Additional sizes available. Please contact customer service or see SamsonRope.com for specifications.

SIZE / WEIGHT / ISO STRENGTH

Diameter (INCHES)	2"	2-1/2"	3"	3-1/4"
Diameter (MM)	48 mm	60 mm	72 mm	80 mm
Weight per 100 ft	78.2 lb	123 lb	174 lb	205 lb
Weight per 100 m	116 kg	183 kg	259 kg	305 kg
ISO 2307 Strength*	152 mt	246 mt	353 mt	420 mt

IMPERIAL

DIAM. (INCH)	5/8	3/4	7/8	1	1 1/8	1 1/4	1 5/16	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/8	2 1/4
CIRC. (INCH)	2	2 1/4	2 3/4	3	3 1/2	3 3/4	4	4 1/8	4 1/2	5	5 1/2	6	6 1/2	7
WEIGHT PER 100 FT. (LBS)	7.6	12.6	16.8	21.6	26.4	32.7	34.2	38.9	45.5	52.7	61.6	78.2	89.4	97.8
AVG. STRENGTH (LBS)	30,100	48,500	64,700	84,600	104,000	132,000	141,000	160,000	187,000	218,000	258,000	334,000	382,000	416,000
MIN. STRENGTH (LBS)	27,100	43,700	58,200	76,100	93,600	119,000	127,000	144,000	168,000	196,000	232,000	301,000	344,000	374,000

FEATURES AND BENEFITS:

- > Made with Dyneema®polyester fiber blend
- > Reduced creep in applications with static load
- > Enhanced abrasion resistance
- > Enhanced grip from patented DPX™ fiber technology
- > High coefficient of friction
- > Snag resistant
- > Easy to handle, inspect, and splice
- > High strength