

# EverSteel-X

EverSteel-X is the first line to be designed specifically for FSRU mooring applications, using Dyneema Max DM20 technology to achieve superior creep performance and flex-fatigue resistance.



## Description

EverSteel-X is a torque-free 12-strand single-braid that is optimized in strength-to-size and strength-to-weight ratios. Size-for-size, it has the same strength as steel, but it's so light, it floats. With the addition of a Samson proprietary coating, EverSteel-X is designed for long-term, continuous load conditions, and will last for long-term FSRU mooring applications. These features point to EverSteel-X as the best choice for FSRU mooring.

**Product Code:**  
844

**Fiber (Core/Cover):**  
Dyneema®

**Specific Gravity:**  
.98 (Floats)

**Manufacturer:**  
Samson Rope Technologies, Inc.

## Features

- Durable and lightweight
- Flex-fatigue resistant
- Floats in Water
- Made with Dyneema® DM20 fiber
- Size-for-size as strong as wire
- Superior creep performance

## Applications

- General Working Line / Vessel Mooring
- Primary Mooring Line /

# EverSteel-X

## Specifications

Diameter (in)	Circum. (in)	Weight per 100 ft. (lbs.)	Average Strength (lbs)	Minimum Strength (lbs)	Diameter (mm)	Circum. (mm)	Weight per 100M	Average Strength (kg)	Minimum Strength (kg)	ISO 2307 Strength (mt)
1-5/8	5	62.1	283,000	255,000	40	120	92.4	128,000	116,000	128
1-11/16	5-1/4	65.5	309,000	278,000	42	126	97.5	140,000	126,000	140
1-3/4	5-1/2	72.2	347,000	312,000	44	132	107	157,000	142,000	157
2	6	81.5	386,000	347,000	48	144	121	175,000	158,000	175
2-1/2	7-1/2	130	610,000	549,000	60	180	193	277,000	249,000	277

\* ISO strength specifications are for unspliced rope. All other strength specifications are for spliced rope.