

# Xceed-78 Product Code: 840

**Class II**

**Engineered to meet the extreme demands on large yachts**

**FEATURES & BENEFITS:**

- > High strength
- > Very low creep
- > Excellent abrasion resistance
- > Lightweight
- > Strippable heavy-duty cover
- > Color-coded cores match tracers

**APPLICATIONS:**

- > Halyards
- > Mainsheets
- > Spinnaker sheets and guys
- > Jib/genoa sheets
- > Control lines

Samson's Xceed-78 is specifically designed for use on today's high-performance mega yachts where extreme loads on halyards and sheets demand a large diameter line. Available in sizes from 5/8" to 2" in diameter, Xceed-78 combines the high strength, low creep and extremely low weight of a 100% braided Dyneema® SK-78 core with the protection of a heavy duty all-polyester cover. The cover is designed to protect the core from abrasion and provide grip for winches where necessary. The core incorporates Samson's proprietary Samthane coating, allowing the cover to be stripped to reduce weight.

Xceed-78 has an all-white cover with a white core; it is available with red, green, and blue tracer colors with matching core.

**DYNEEMA® CORE  
& POLYESTER COVER**

**DOUBLE BRAID  
CONSTRUCTION**



Photo © Billy Back

SIZE DIAMETER INCHES	SIZE CIRC. INCHES	WEIGHT PER 100 FT. POUNDS	SAMSON MBS* POUNDS	SIZE DIAMETER MILLIMETERS	WEIGHT PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS
5/8"	2"	12.6 lb	28,700 lb	16 mm	18.7 kg	13.0 t
3/4"	2-1/4"	16.0 lb	37,200 lb	18 mm	23.8 kg	16.9 t
13/16"	2-1/2"	20.3 lb	42,500 lb	20 mm	30.2 kg	19.3 t
7/8"	2-3/4"	24.8 lb	53,100 lb	22 mm	36.9 kg	24.1 t
1"	3"	29.7 lb	60,600 lb	24 mm	44.2 kg	27.5 t
1-1/4"	3-3/4"	42.6 lb	85,900 lb	30 mm	63.4 kg	38.9 t
1-5/16"	4"	48.0 lb	96,900 lb	32 mm	71.4 kg	44.0 t
1-1/2"	4-1/2"	54.1 lb	117,000 lb	36 mm	80.5 kg	53.1 t
1-5/8"	5"	67.3 lb	138,000 lb	40 mm	100 kg	62.5 t
1-3/4"	5-1/2"	70.5 lb	144,000 lb	44 mm	105 kg	65.2 t
2"	6"	106 lb	179,000 lb	48 mm	158 kg	81.0 t

\*Spliced strength



**SPECIFICATIONS<sup>†</sup>**

FIBER (CORE/COVER):  
Dyneema® SK-78 / Polyester

SPECIFIC GRAVITY: 1.2

STANDARD COLOR: White or white with blue, green, or red tracers

**ELASTIC ELONGATION PERCENTAGE**

*At % of break strength*  
 10% ..... 0.50%  
 20% ..... 0.67%  
 30% ..... 0.96%

SPLICE/CLASS:  
Double Braid Class II

*†Due to our continued research and development of product performance, the specifications listed herein are subject to change. For the most current sizes, weights, and strengths, go to SamsonRope.com.*



Dyneema® is a registered trademark of Royal DSM N.V. Dyneema is DSM's high-performance polyethylene product.

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