

# AmSteel®-Blue

Product Code: 872

The best all-around rope made with Dyneema®, a direct replacement for wire ropes proven to reduce tug assist and mooring costs

### FEATURES:

- > Uses Dyneema® SK-75
- > A size-for-size strength replacement for wire rope at only 1/7th the weight
- > Torque-free, very flexible, easy to handle
- > Similar elastic elongation to wire rope
- > Easily inspected or field spliced
- > Floats

### APPLICATIONS:

- > Winch lines, pull-in lines
- > Heavy lifting slings
- > Primary vessel mooring lines
- > Emergency and seismic tow lines
- > Rig tow lines
- > Grommets

AmSteel®Blue is a proven cost-saving replacement for wire rope in key applications where strength, weight and safety are important.

Recognized worldwide as the standard for single braid HMPE ropes, AmSteel®Blue is easily spliced and inspected. These features, with the superior wear and tension fatigue of Dyneema® SK-75 fiber and Samthane coating, are combined in a torque-free 12-strand single braid design. The result is an industry leading braided synthetic rope that outlasts wire rope and has proven operator cost saving benefits.

AmSteel®Blue, at only 1/7th the weight of wire, requires less committed crew for most operations, significantly reduces operational times and costs, and improves crew safety. The reduced weight, high-strength and low-stretch also make it ideal for quick, efficient connections and controlled response. AmSteel®Blue is proven to provide longer service life and reduced costs when compared to wire in a variety of applications.

AmSteel®Blue is recommended for split drum winch applications, not recommended for use on H-bitts, capstans or cleats if surging or rendering the rope is required.

DYNEEMA®  
SK-75

12-STRAND  
CONSTRUCTION

Size Diameter INCHES	Size Circumference INCHES	Weight Per 100 FT. POUNDS	SRT MBS* POUNDS	Size Diameter MILLIMETERS	Weight Per 100 M KILOGRAMS	SRT MBS* METRIC TONNES	ISO/BS EN919 MBS METRIC TONNES
1-1/8 in.	3-1/2 in.	31.9 lbs.	133,000 lbs.	28mm	47.5 Kg	60.4 MT	67.1 MT
1-1/4 in.	3-3/4 in.	36.2 lbs.	149,000 lbs.	30mm	53.9 Kg	67.5 MT	75.0 MT
1-5/16 in.	4 in.	41.8 lbs.	166,000 lbs.	32mm	62.2 Kg	75.2 MT	83.6 MT
1-3/8 in.	4-1/8 in.	45.0 lbs.	185,000 lbs.	34mm	67.0 Kg	83.9 MT	93.2 MT
1-1/2 in.	4-1/2 in.	51.7 lbs.	205,000 lbs.	36mm	76.9 Kg	93.0 MT	103.0 MT
1-5/8 in.	5 in.	65.2 lbs.	255,000 lbs.	40mm	97.0 Kg	116.0 MT	128.0 MT
1-3/4 in.	5-1/2 in.	78.4 lbs.	302,000 lbs.	44mm	117.0 Kg	137.0 MT	152.0 MT
2 in.	6 in.	87.0 lbs.	343,000 lbs.	48mm	129.0 Kg	155.0 MT	173.0 MT
2-1/8 in.	6-1/2 in.	109.0 lbs.	411,000 lbs.	52mm	162.0 Kg	186.0 MT	207.0 MT
2-1/4 in.	7 in.	116.0 lbs.	484,000 lbs.	56mm	173.0 Kg	219.0 MT	244.0 MT
2-1/2 in.	7-1/2 in.	148.0 lbs.	529,000 lbs.	60mm	220.0 Kg	240.0 MT	267.0 MT
2-5/8 in.	8 in.	167.0 lbs.	595,000 lbs.	64mm	248.0 Kg	270.0 MT	300.0 MT
2-3/4 in.	8-1/2 in.	187.0 lbs.	662,000 lbs.	68mm	278.0 Kg	300.0 MT	333.0 MT
3 in.	9 in.	206.0 lbs.	748,000 lbs.	72mm	307.0 Kg	339.0 MT	377.0 MT
3-1/4 in.	10 in.	240.0 lbs.	906,000 lbs.	80mm	357.0 Kg	411.0 MT	457.0 MT

\*Spliced strength

Larger sizes may be available. Contact customer service for details.

### SPECIFICATIONS:

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

**Elastic Elongation Percentage:**  
At % of break strength  
10% ..... 0.46%  
20% ..... 0.70%  
30% ..... 0.96%

### Splicing Procedures Required:

- > **EYE SPLICE**  
12-Strand/Class II Rope
- > **END FOR END SPLICE**  
12-Strand/Class II Rope

WITH  
Dyneema®

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

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