

## Class II

The strongest rope made by Samson – Patented 8x3-strand construction with a firm cross section for use on winches

### FEATURES:

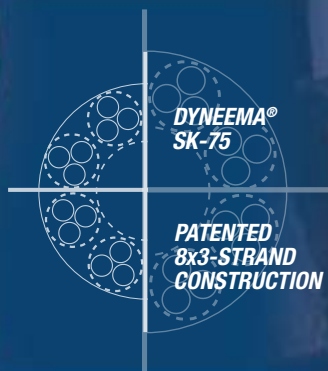
- > Firm shape retention on single drum winch applications
- > Available in large diameter sizes and long lengths
- > Low stretch, high durability and easy to splice
- > A flexible rope made with Dyneema® SK-75
- > A floating wire rope replacement

Neutron-8 is an excellent floating replacement for large diameter wire rope or chain. The unique, patented construction results in the highest strength to weight ratio, with reduced compression and less diving on winch drums. Neutron-8 is ideal for tractor tug working lines and a variety of specialty deep water applications where long lengths, high strength and low weight are critical.

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

### APPLICATIONS:

- > Tractor tug winch line
- > Specialized deep water mooring or lifting projects
- > First line ashore/emergency tow line
- > Wire rope lifting sling replacement



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
2 in.	6 in.	89.8 lbs.	405,000 lbs.	48mm	134.0 Kg	184.0 MT	204.0 MT
2-1/8 in.	6-1/2 in.	101.0 lbs.	441,000 lbs.	52mm	151.0 Kg	200.0 MT	222.0 MT
2-1/4 in.	7 in.	114.0 lbs.	490,000 lbs.	56mm	169.0 Kg	224.0 MT	247.0 MT
2-1/2 in.	7-1/2 in.	140.0 lbs.	596,000 lbs.	60mm	209.0 Kg	270.0 MT	300.0 MT
2-5/8 in.	8 in.	155.0 lbs.	652,000 lbs.	64mm	230.0 Kg	296.0 MT	328.0 MT
2-3/4 in.	8-1/2 in.	170.0 lbs.	711,000 lbs.	68mm	253.0 Kg	322.0 MT	358.0 MT
3 in.	9 in.	202.0 lbs.	835,000 lbs.	72mm	301.0 Kg	379.0 MT	421.0 MT
3-1/4 in.	10 in.	237.0 lbs.	998,000 lbs.	80mm	353.0 Kg	453.0 MT	503.0 MT
3-5/8 in.	11 in.	295.0 lbs.	1,185,000 lbs.	88mm	439.0 Kg	538.0 MT	597.0 MT
4 in.	12 in.	359.0 lbs.	1,422,000 lbs.	96mm	534.0 Kg	645.0 MT	717.0 MT
4-1/4 in.	13 in.	406.0 lbs.	1,591,000 lbs.	104mm	603.0 Kg	722.0 MT	802.0 MT
4-5/8 in.	14 in.	480.0 lbs.	1,861,000 lbs.	112mm	715.0 Kg	844.0 MT	938.0 MT
5 in.	15 in.	561.0 lbs.	2,150,000 lbs.	120mm	835.0 Kg	975.0 MT	1,084.0 MT
5-1/4 in.	16 in.	619.0 lbs.	2,353,000 lbs.	128mm	921.0 Kg	1,067.0 MT	1,186.0 MT

\*Spliced strength

### SPECIFICATIONS:

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

**Elastic Elongation Percentage:**  
At % of break strength  
10%..... 0.70%  
20%..... 0.90%  
30%..... 1.20%

**Splicing Procedures Required:**  
> **EYE SPLICE**  
8x3-Strand/Class II Rope  
  
> **END FOR END SPLICE**  
8x3-Strand/Class II Rope



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

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**samson**  
THE STRONGEST NAME IN ROPE

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