

**DOUBLE
BRAID
CONSTRUCTION**

Turbo-75

Product Code: **664**

Class II

A robust, braid on braid construction winch line with 100% Dyneema® – designed to replace wire rope in mooring, tug or trawl systems

FEATURES:

- > Excellent single drum spooling capabilities
- > Lightweight handling
- > Superior drum compression resistance
- > Retains hard round shape during use
- > Protective cover with Dyneema® provides superior wear characteristics

APPLICATIONS:

- > Single or split drum winch primary mooring lines for various vessels
- > Wire replacements in commercial fishing trawl systems
- > “Tugger” winch lines for AHVs
- > Deep water lifting projects
- > Tractor tug winch lines

Proven effective as a Gilson wire rope replacement in the toughest trawl commercial fishing applications.

Turbo-75 has the relative firmness and low stretch of wire, yet only 1/6th the weight. For tough winch rope applications where the weight and inflexibility of wire rope is a problem, Turbo-75 is ideal. It spools on winches very well, does not rust or “fish hook” like wire rope, and it floats!

Both cover and core are coated with a proprietary Samthane coating. The superior fiber, design, and construction all create a rope which can have a service life 2 to 3 times that of wire rope.

A standard cover repair kit is available and easy to field apply. This product design requires a specialized splicing technique that does not facilitate field splicing.



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	3 in.	25.0	87,300 lbs.	24	37.2 Kg	39.6	44.0 MT
1-1/8	3-1/2 in.	29.5	113,000 lbs.	28	43.9 Kg	51.0	56.7 MT
1-1/4	3-3/4 in.	38.5	135,000 lbs.	30	57.3 Kg	61.2	68.0 MT
1-3/8	4-1/8 in.	48.0	167,000 lbs.	34	71.4 Kg	75.5	83.9 MT
1-1/2	4-1/2 in.	59.5	189,000 lbs.	36	88.5 Kg	85.7	95.3 MT
1-5/8	5 in.	67.0	225,000 lbs.	40	99.7 Kg	102.0	113.0 MT
1-3/4	5-1/2 in.	80.5	275,000 lbs.	44	120.0 Kg	125.0	138.0 MT
2	6 in.	93.0	329,000 lbs.	48	138.0 Kg	149.0	166.0 MT
2-1/8	6-1/2 in.	105.0	351,000 lbs.	52	156.0 Kg	159.0	177.0 MT
2-1/4	7 in.	120.0	405,000 lbs.	56	179.0 Kg	184.0	204.0 MT

*Spliced strength

SPECIFICATIONS:

Specific Gravity:
.98

Elastic Elongation Percentage:

At % of break strength
10% 0.33%
20% 0.49%
30% 0.76%

Splicing Procedures Required:

- > **EYE SPLICE**
Product specific

PRODUCT SPOTLIGHT **TURBO-75**

Turbo-75 is designed to withstand the abuses of the most demanding winch-based applications. The durable “turbo” braided jacket made with Dyneema® is extremely cut and abrasion resistant. In this core-dependant construction, the jacket is sacrificial and protects the strength member, a 12-strand single braid core, also made with Dyneema®. This robust combination, with a specific gravity of .98, is still light enough to float, yet outlasts wire in demanding applications by 2 or 3 times.

