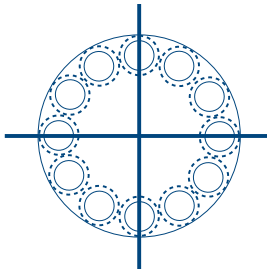


# Turbo-EPX™

Turbo-EPX is a unique jacketed product. The durable jacket provides grip and protects the strength-member core from degradation.



## Description



The core and jacket of Turbo-EPX work in harmony, preventing excess cover slack during mooring operations, which translates to longer service life. This construction creates a firm, round, torque-free rope similar to wire, but lighter in weight. Turbo-EPX delivers excellent performance on all types of winches and offers better resistance to flex and tension fatigue than wire. It is Samthane coated to improve service life, reduce snagging, enhance abrasion resistance, and prevent contamination. Please note: This product design requires a specialized splicing technique. A standard cover repair kit is available and easy to use in the field.

**Product Code:**  
886

**Fiber (Core/Cover):**  
Dyneema® / Polyester

**Specific Gravity:**  
1.13

**Splice:**  
Product Specific Class II

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

## Features

- 1/7th the weight of wire
- Abrasion resistant
- Durable
- Easy to handle
- Excellent drum spooling capabilities
- Firm construction
- Floats
- High coefficient of friction
- Retains shape with use

## Applications

- Primary Mooring Line / Jacketed
- Single-Drum Winch Line
- Synthetic Extension Pendant
- Tug Mainline
- Tug Pendant
- Winch Line / Offshore
- Winch Line / Tug

# Turbo-EPX™

## 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)
3/4	2-1/4	16	59,000	53,100	18	54	23.8	26,800	24,100	26.8
7/8	2-3/4	22.9	82,000	73,800	22	66	34.1	37,200	33,500	37.2
1	3	28.5	97,000	87,300	24	72	42.4	44,000	39,600	44.0
1-1/16	3-1/4	31.4	113,000	102,000	26	78	46.7	51,300	46,100	51.3
1-1/8	3-1/2	35.3	125,000	113,000	28	84	52.5	56,700	51,000	56.7
1-1/4	3-3/4	44.4	150,000	135,000	30	90	66.1	68,000	61,200	68.0
1-5/16	4	47.3	165,000	149,000	32	96	70.4	74,800	67,400	74.8
1-3/8	4-1/8	51.4	185,000	167,000	34	100	76.5	83,900	75,500	83.9
1-1/2	4-1/2	65.0	210,000	189,000	36	108	96.7	95,300	85,700	95.3
1-5/8	5	75.0	250,000	225,000	40	120	112	113,000	102,000	113
1-11/16	5-1/4	82.9	280,000	252,000	42	126	123	127,000	114,000	127
1-3/4	5-1/2	95.0	305,000	275,000	44	132	141	138,000	125,000	138
1-7/8	5-5/8	99.8	326,000	293,000	46	136	149	148,000	133,000	148
2	6	117	365,000	329,000	48	144	174	166,000	149,000	166
2-1/8	6-1/2	126	390,000	351,000	52	156	187	177,000	159,000	177
2-1/4	7	144	450,000	405,000	56	168	214	204,000	184,000	204
2-1/2	7-1/2	173	571,000	514,000	60	180	257	259,000	233,000	259
2-5/8	8	184	600,000	540,000	64	192	274	272,000	245,000	272
2-3/4	8-1/2	202	635,000	572,000	68	204	301	288,000	259,000	288
2-7/8	8-5/8	220	680,000	612,000	70	208	327	308,000	278,000	308
3	9	235	750,000	675,000	72	216	350	340,000	306,000	340
3-1/4	10	234	865,000	779,000	80	240	348	392,000	353,000	392
3-3/8	10-1/8	255	950,000	855,000	82	246	379	431,000	388,000	431
3-1/2	10-1/2	276	1,025,000	923,000	86	254	411	465,000	418,000	465
3-5/8	11	299	1,102,000	992,000	88	264	445	500,000	450,000	500
4	12	330	1,225,000	1,103,000	96	288	491	556,000	500,000	556
4-1/4	13	416	1,400,000	1,260,000	104	312	619	635,000	572,000	635
4-5/16	13-1/8	427	1,450,000	1,305,000	106	316	635	658,000	592,000	658
4-1/2	13-1/2	459	1,550,000	1,395,000	110	328	683	703,000	633,000	703
4-5/8	14	491	1,645,000	1,481,000	112	336	731	746,000	672,000	746
4-11/16	14-1/8	495	1,653,000	1,488,000	114	340	737	750,000	675,000	750
5	15	573	1,944,000	1,750,000	120	360	853	882,000	794,000	882
5-1/4	16	611	2,030,000	1,827,000	128	384	909	921,000	829,000	921
5-1/2	16-1/2	647	2,180,000	1,962,000	134	400	963	989,000	890,000	989

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

MATERIALS | TURBO-EPX™

MATERIALS

