

Turbo-RC

Turbo-RC has the firmness and low stretch of wire, yet only 1/6th the weight.



Description

The durable "turbo" braided jacket is very cut and abrasion resistant and protects the 12-strand single braid strength-member core. Turbo-RC spools on winches easily, does not rust or "fish hook" like wire rope, and it floats. Turbo-RC is specially designed for improved service life in applications where creep results from long-term static loads. Both cover and core are coated with a Samthane coating.

Product Code:
861

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

Specific Gravity:
0.98 (Floats)

Splice:
Product Specific Class II

Manufacturer:
Samson Rope Technologies, Inc.

Features

- Abrasion resistant
- Drum compression resistant
- Durable
- Easy to handle
- Excellent cut resistance
- Excellent single-drum spooling capabilities
- Excellent wear characteristics
- Firm construction
- Flexible
- Floats
- Retains shape with use
- Samthane coated

Applications

- Face and Wing Wire
- Gilson Wire Rope Replacement
- Primary Mooring Line / Jacketed
- Synthetic Extension Pendant
- Trawl or Bridle Line
- Tug Mainline
- Tug Pendant
- Winch Line / Offshore
- Winch Line / Tug
- Winch Line / Utility

Turbo-RC

Specifications

MATERIALS | TURBO-RC

MATERIALS

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	14.0	59,000	53,100	18	54	20.8	26,800	24,100	26.8
7/8	2-3/4	19.9	82,000	73,800	22	66	29.6	37,200	33,500	37.2
1	3	25.5	97,000	87,300	24	72	37.9	44,000	39,600	44.0
1-1/16	3-1/4	28.4	113,000	102,000	26	78	42.3	51,300	46,100	51.3
1-1/8	3-1/2	32.1	125,000	113,000	28	84	47.8	56,700	51,000	56.7
1-1/4	3-3/4	40.0	150,000	135,000	30	90	59.5	68,000	61,200	68.0
1-5/16	4	43.3	165,000	149,000	32	96	64.4	74,800	67,400	74.8
1-3/8	4-1/8	49.5	185,000	167,000	34	100	73.7	83,900	75,500	83.9
1-1/2	4-1/2	59.5	210,000	189,000	36	108	88.5	95,300	85,700	95.3
1-5/8	5	67.0	250,000	225,000	40	120	99.7	113,000	102,000	113
1-11/16	5-1/4	73.3	280,000	252,000	42	126	109	127,000	114,000	127
1-3/4	5-1/2	85.5	305,000	275,000	44	132	127	138,000	125,000	138
1-7/8	5-5/8	89.7	326,000	293,000	46	136	133	148,000	133,000	148
2	6	99.0	365,000	329,000	48	144	147	166,000	149,000	166
2-1/8	6-1/2	110	390,000	351,000	52	156	164	177,000	159,000	177
2-1/4	7	126	450,000	405,000	56	168	187	204,000	184,000	204
2-1/2	7-1/2	156	571,000	514,000	60	180	232	259,000	233,000	259
2-5/8	8	166	600,000	540,000	64	192	247	272,000	245,000	272
2-3/4	8-1/2	185	635,000	572,000	68	204	275	288,000	259,000	288
2-7/8	8-5/8	197	680,000	612,000	70	208	293	308,000	278,000	308
3	9	216	750,000	675,000	72	216	321	340,000	306,000	340
3-1/4	10	207	865,000	779,000	80	240	308	392,000	353,000	392
3-3/8	10-1/8	233	950,000	855,000	82	246	347	431,000	388,000	431
3-1/2	10-1/2	251	1,025,000	923,000	86	254	373	465,000	418,000	465
3-5/8	11	279	1,102,000	992,000	88	264	415	500,000	450,000	500
4	12	304	1,225,000	1,103,000	96	288	452	556,000	500,000	556
4-1/4	13	381	1,400,000	1,260,000	104	312	567	635,000	572,000	635
4-5/16	13-1/8	396	1,450,000	1,305,000	106	316	589	658,000	592,000	658
4-1/2	13-1/2	423	1,550,000	1,395,000	110	328	629	703,000	633,000	703
4-5/8	14	452	1,645,000	1,481,000	112	336	673	746,000	672,000	746
4-11/16	14-1/8	455	1,653,000	1,488,000	114	340	677	750,000	675,000	750
5	15	530	1,944,000	1,750,000	120	360	789	882,000	794,000	882
5-1/4	16	565	2,030,000	1,827,000	128	384	841	921,000	829,000	921
5-1/2	16-1/2	599	2,180,000	1,962,000	134	400	891	989,000	890,000	989

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

