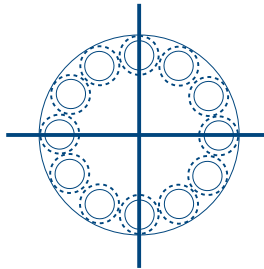


# RP-12 Polyester™

RP-12 Polyester has been a standard of performance for years in the tug and mooring industry.



## Description



The firm strand and smooth construction of this product with low-elongating, high-tenacity polyester fiber create a durable workhorse that has excellent flex-fatigue life. The round plait construction allows this rope to conform to contact surfaces. The all-polyester fiber content creates excellent rendering capabilities while giving positive working control. For installing eye splices, RP-12 Polyester is easily tuck spliced.

**Product Code:**  
402

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

**Specific Gravity:**  
1.38

**Splice:**  
Round Plait Class I

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

## Features

- Durable
- Firm construction
- Heat resistant
- High strength
- Low elastic elongation

## Applications

- General Working Line / Vessel Mooring
- H-Bitt Working Line / Tug Assist
- Lifting Sling / Offshore
- Mooring Pendant
- Secondary Mooring Line
- Shock Line
- Tug Mainline
- Working Line / Offshore

# RP-12 Polyester™

## 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	18.8	17,400	15,700	18	54	28	7,900	7,100	7.9
7/8	2-3/4	28.1	26,200	23,600	22	66	41.8	11,900	10,700	11.9
1	3	35.1	30,500	27,500	24	72	52.2	13,800	12,500	13.8
1-1/8	3-1/2	41.1	39,200	35,300	28	84	61.2	17,800	16,000	17.8
1-1/4	3-3/4	45.8	45,800	41,200	30	90	68.2	20,800	18,700	20.8
1-5/16	4	54.9	52,300	47,100	32	96	81.7	23,700	21,400	23.7
1-1/2	4-1/2	71.0	65,400	58,900	36	108	106	29,700	26,700	29.7
1-5/8	5	84.8	78,500	70,700	40	120	126	35,600	32,000	35.6
1-3/4	5-1/2	98.7	91,600	82,400	44	132	147	41,500	37,400	41.5
2	6	120	111,000	99,900	48	144	179	50,300	45,300	50.3
2-1/8	6-1/2	141	131,000	118,000	52	156	210	59,400	53,500	59.4
2-1/4	7	160	151,000	136,000	56	168	238	68,500	61,600	68.5
2-1/2	7-1/2	188	177,000	159,000	60	180	280	80,300	72,300	80.3
2-5/8	8	207	196,000	176,000	64	192	308	88,900	80,000	88.9
2-3/4	8-1/2	234	222,000	200,000	68	204	348	101,000	90,600	101
3	9	272	255,000	230,000	72	216	405	116,000	104,000	116
3-1/4	10	337	309,000	278,000	80	240	501	140,000	126,000	140
3-5/8	11	402	375,000	338,000	88	264	598	170,000	153,000	170
4	12	486	450,000	405,000	96	288	723	204,000	184,000	204
4-1/4	13	559	517,000	465,000	104	312	832	235,000	211,000	235
4-5/8	14	642	592,000	533,000	112	336	955	269,000	242,000	269
5	15	745	685,000	617,000	120	360	1,109	311,000	280,000	311
5-1/4	16	1,033	735,000	661,000	128	384	1,537	333,000	300,000	333
5-5/8	17	1,200	837,000	754,000	142	426	1,786	380,000	342,000	380
6	18	1,313	944,000	849,000	152	456	1,954	428,000	385,000	428
6-1/4	19	1,419	1,019,000	917,000	158	474	2,111	462,000	416,000	462
6-5/8	20	1,576	1,138,000	1,024,000	168	504	2,345	516,000	464,000	516

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

Additional sizes available. Contact Customer Service for details.