

# Pro-Set-3

PRODUCT CODE: 170



*Pro-Set-3 is a premium 3-strand, 4-stage rope. It is manufactured to minimize shrinkage, snagging, and hockling; and maximize strength, durability, and flexibility. Pro-Set-3 is easy to handle and splice.*

## APPLICATIONS

## FEATURES AND BENEFITS

## SPECIFICATIONS

FIBER: Nylon

SPECIFIC GRAVITY: 1.14

SPLICE/CLASS: 3-Strand Class I

### ELASTIC ELONGATION PERCENTAGE:

At % of break strength

10%.....5.50%

20%.....10.00%

30%.....12.10%

COLOR: White with green and red fleck

DIAM. (inch)	CIRC. (inch)	WEIGHT PER 100 FT. (lbs)	AVG. STRENGTH (lbs)	MIN. STRENGTH (lbs)	DIAM. (mm)	CIRC. (mm)	WEIGHT PER 100 M (kg)	AVG. STRENGTH (kg)	MIN. STRENGTH (kg)	ISO 2307 STRENGTH (metric tons)
3/16"	9/16"	1.0	1,200	1,100	5	15	1.5	540	490	0.54
1/4"	3/4"	1.5	1,600	1,400	6	18	2.2	730	650	0.73
5/16"	1"	2.5	2,600	2,300	8	24	3.7	1,200	1,100	1.2
3/8"	1 1/8"	3.5	3,600	3,200	9	27	5.2	1,600	1,500	1.6
7/16"	1 1/4"	5.0	4,800	4,300	11	33	7.4	2,200	2,000	2.2
1/2"	1 1/2"	6.5	6,300	5,700	12	36	9.7	2,900	2,600	2.9
9/16"	1 3/4"	8.1	7,900	7,100	14	42	12.1	3,600	3,200	3.6
5/8"	2"	10.5	10,000	9,000	16	48	15.6	4,500	4,100	4.5
3/4"	2 1/4"	14.5	13,500	12,200	18	54	21.6	6,100	5,500	6.1
13/16"	2 1/2"	17.0	15,300	13,800	20	60	25.3	6,900	6,200	6.9
7/8"	2 3/4"	20.0	19,000	17,100	22	66	29.8	8,600	7,800	8.6
1"	3"	26.0	25,000	22,500	24	72	38.7	11,300	10,200	11.3
1 1/16"	3 1/4"	29.0	27,200	24,500	26	78	43.2	12,300	11,100	12.3
1 1/8"	3 1/2"	34.0	32,000	28,800	28	84	50.6	14,500	13,100	14.5
1 1/4"	3 3/4"	40.0	37,500	33,800	30	90	59.5	17,000	15,300	17
1 5/16"	4"	45.0	41,500	37,400	32	96	67.0	18,800	16,900	18.8
1 1/2"	4 1/2"	55.0	52,000	46,800	36	108	81.8	23,600	21,200	23.6
1 5/8"	5"	66.5	63,000	56,700	40	120	99.0	28,600	25,700	28.6
1 3/4"	5 1/2"	83.0	78,000	70,200	44	132	124	35,400	31,800	35.4
2"	6"	95.0	89,000	80,100	48	144	141	40,400	36,300	40.4
2 1/8"	6 1/2"	109	101,000	90,900	52	156	162	45,800	41,200	45.8
2 1/4"	7"	129	121,000	109,000	56	168	192	54,900	49,400	54.9
2 1/2"	7 1/2"	149	135,000	122,000	60	180	222	61,200	55,100	61.2
2 5/8"	8"	168	153,000	138,000	64	192	250	69,400	62,500	69.4

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

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DIAM. (inch)	CIRC. (inch)	WEIGHT PER 100 FT. (lbs)	AVG. STRENGTH (lbs)	MIN. STRENGTH (lbs)	DIAM. (mm)	CIRC. (mm)	WEIGHT PER 100 M (kg)	AVG. STRENGTH (kg)	MIN. STRENGTH (kg)	ISO 2307 STRENGTH (metric tons)
2 3/4"	8 1/2"	189	173,000	156,000	68	204	281	78,500	70,600	78.5
3"	9"	210	190,000	171,000	72	216	312	86,200	77,600	86.2
3 1/4"	10"	264	240,000	216,000	80	240	393	109,000	98,000	109
3 5/8"	11"	312	280,000	252,000	88	264	464	127,000	114,000	127

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