



**PRODUCT CODE: 882**  
**FIBER (CORE/COVER): DYNEEMA®**  
**SPECIFIC GRAVITY: .98**  
**SPLICE: MODIFIED TUCK BURY CLASS II**



The next generation in Samson's 12-strand working lines made with Dyneema® fiber, Saturn-12 has a coating that improves abrasion resistance and increases residual strength as much as 15–20% when compared with other HMPE lines and their conventional coatings. This torque-free, flexible, and easy-to-handle construction is easy to inspect and splice in the field.

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)
1/4	3/4	1.6	8,600	7,700	6	18	2.4	3,900	3,500	3.9
5/16	1	2.7	13,700	12,300	8	24	4	6,200	5,600	6.2
3/8	1 1/8	3.6	19,600	17,600	9	27	5.4	8,900	8,000	8.9
7/16	1 1/4	4.2	23,900	21,500	11	33	6.2	10,800	9,800	10.8
1/2	1 1/2	6.4	34,000	30,600	12	36	9.5	15,400	13,900	15.4
9/16	1 3/4	7.9	40,500	36,500	14	42	11.8	18,400	16,500	18.4
5/8	2	10.2	52,800	47,500	16	48	15.2	24,000	21,600	24
3/4	2 1/4	13.3	64,400	58,000	18	54	19.8	29,200	26,300	29.2
13/16	2 1/2	17	82,000	73,800	20	60	25.3	37,200	33,500	37.2
7/8	2 3/4	19.6	90,800	81,700	22	66	29.2	41,200	37,100	41.2
1	3	21.8	109,000	98,100	24	72	32.4	49,400	44,500	49.4
1 1/16	3 1/4	27.5	131,000	118,000	26	78	40.9	59,400	53,500	59.4
1 1/8	3 1/2	31.9	148,000	133,000	28	84	47.5	67,100	60,400	67.1
1 1/4	3 3/4	36.2	165,000	149,000	30	90	53.9	74,800	67,400	74.8
1 5/16	4	41.8	184,000	166,000	32	96	62.2	83,500	75,100	83.5
1 3/8	4 1/8	45	205,000	185,000	34	100	67	93,000	83,700	93
1 1/2	4 1/2	51.7	228,000	205,000	36	108	76.9	103,000	93,100	103
1 5/8	5	65.2	283,000	255,000	40	120	97	128,000	116,000	128
1 3/4	5 1/2	78.4	335,000	302,000	44	132	117	152,000	137,000	152
2	6	87	381,000	343,000	48	144	129	173,000	156,000	173
2 1/8	6 1/2	109	457,000	411,000	52	156	162	207,000	187,000	207
2 1/4	7	116	537,000	483,000	56	168	173	244,000	219,000	244
2 1/2	7 1/2	148	588,000	529,000	60	180	220	267,000	240,000	267
2 5/8	8	167	662,000	596,000	64	192	248	300,000	270,000	300
2 3/4	8 1/2	187	735,000	662,000	68	204	278	333,000	300,000	333
3	9	206	832,000	749,000	72	216	307	377,000	340,000	377
3 1/8	9 1/2	228	920,000	828,000	76	228	339	417,000	376,000	417
3 1/4	10	240	1,007,000	906,000	80	240	357	457,000	411,000	457
3 1/2	10 1/2	295	1,170,000	1,053,000	86	254	439	531,000	478,000	531
3 5/8	11	340	1,459,000	1,313,000	88	264	506	662,000	596,000	662