

MP-1

MP-1 is a non-rotational rope with excellent abrasion and wear resistance for use as a pendant in vessel mooring applications



MATERIALS

Description

MP-1 has been proven to provide superior strength retention and abrasion resistance with extensive use. MP-1 also utilizes a polyester/polyolefin blend that provides a 10% lower linear density (lbs./ft.) compared to traditional 100% polyester fiber pendant constructions. This decreased weight makes for easier handling by crew members in mooring situations.

Product Code: 264

Fiber (Core/Cover):
Ultra Blue Polyolefin-Polyester Blend

Specific Gravity: 1.2

Manufacturer:
Samson Rope Technologies, Inc.

Features

- o 10% lighter than 100% polyester ropes
- o Durable
- o Flexible
- o High strength
- o Hockle resistant
- o Low elongation
- o Non-rotational

Applications

- o General Working Line / Vessel Mooring
- o Mooring Pendant

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Specifications

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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)	ISO2307 Strength (mt)
2	6	97	114,000	103,000	48	144	144	51,700	46,500	51.7
2-1/4	7	119	137,000	123,000	56	168	177	62,100	59,500	62.1
2-3/8	7-1/8	135	157,000	141,000	57	174	201	71,200	64,100	71.2
2-1/2	7-1/2	141	168,000	151,000	60	180	210	76,200	68,600	76.2
2-5/8	8	155	185,000	167,000	64	192	231	83,900	75,500	83.9
2-3/4	8-1/2	172	207,000	186,000	68	204	256	93,900	84,500	93.9
3	9	197	231,000	208,000	72	216	293	105,000	94,300	105
3-1/8	9-1/2	216	257,000	231,000	76	228	321	117,000	105,000	117
3-3/8	10-1/8	243	285,000	257,000	82	246	362	129,000	116,000	129
3-1/2	10-1/2	273	317,000	285,000	86	254	406	144,000	129,000	144
3-3/4	11-1/4	312	353,000	318,000	92	272	464	160,000	144,000	160
4	12	341	383,000	345,000	96	288	507	174,000	156,000	174
4-1/8	12-1/2	380	418,000	376,000	100	300	565	190,000	171,000	190
4-1/2	13-1/2	444	476,000	428,000	110	328	661	216,000	194,000	216

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

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