

OPTIMA 5

Premium Soft Shackle

Optima 5 soft shackle made of premium Ultra-High Molecular Weight Polyethylene (UHMWPE). Its high visibility multi-color design and enhanced strength performance make it suitable for higher performance applications. This soft shackle is a lighter and smarter connection method, making it an excellent alternative to traditional cow hitches, steel shackles, or similar hardware. Whether onshore or offshore, Optima 5 soft shackle delivers outstanding performance.

The Optima 5 soft shackle also features a protective sheath with an attached coating. This function extends the lifespan of the soft shackle and provides additional protection for the connection.

Two types of protective sheaths are available: braided polyester sheath or webbing polyester sheath. The webbing sheath is lighter, allowing for quick and easy connections, making it a more economical choice. On the other hand, the braided sheath offers superior abrasion resistance and UV protection, making it suitable for harsh environments.



Superior performance



Heavy duty chafe protection and durable



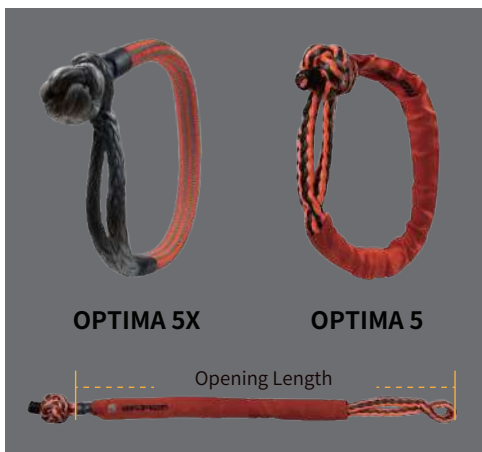
Cut-resistance



Soft and easy to use



Can replace metal shackles



OPTIMA 5X

OPTIMA 5

Opening Length

Technical Information



0.98
SPECIFIC GRAVITY



1×12/12×12
STRUCTURE



280°F (140°C)
MELTING POINT



130°F (65°C)
CRITICAL TEMP



3.77%
ELONGATION
AT 50% BREAK



0
WATER
ABSORPTION



Diameter		Opening Length		Minimum Breaking Strength	
inch	mm	inch	cm	lbs	kg
1/4	6	19	48	15,000	6,800
5/16	8	31	80	22,900	10,400
3/8	10	31	80	34,500	15,700
7/16	11	31	80	42,000	19,100
1/2	12	31	80	54,600	24,800
9/16	14	31	80	72,600	33,000
5/8	16	57	144	89,300	40,600
3/4	18	57	144	118,800	54,000
7/8	22	76	192	178,000	80,900
1	24	76	192	188,800	85,800
1 1/16	26	76	192	221,800	100,800
1 1/8	28	76	192	246,800	112,200
1 1/4	30	76	192	281,400	127,900
1 5/16	32	76	192	330,400	150,200
1 1/2	36	88	224	374,000	170,000
1 5/8	40	88	224	482,900	219,500
1 3/4	44	88	224	533,700	242,600
2	48	101	256	595,300	270,600
2 1/8	52	101	256	718,700	326,700

Diameter, weight and MBS are determined in accordance with CI1500-02. Custom size and length available by request.

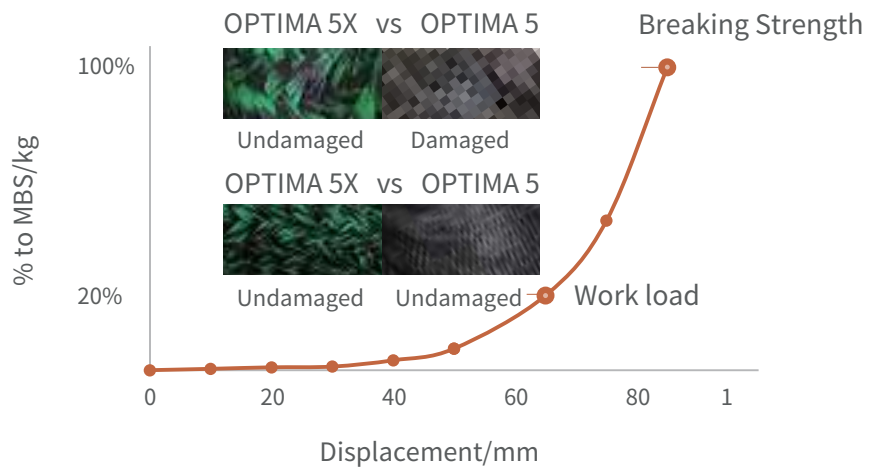




ROPERS
RELIABLE TO THE CORE



Durability Testing



OPTIMA 5X Braided Sheath

OPTIMA 5 Webbing Sheath



WEIGHT



UV RESISTANT



WEAR RESISTANT



ROPERS ROPE



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