

OPTIMA

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



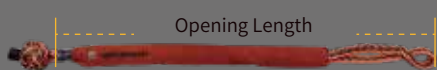
Can replace metal shackles



OPTIMA 5X




OPTIMA 5




Opening Length


Technical Information




0.98
SPECIFIC GRAVITY




1×12/12×12
CONSTRUCTION




280°F (140°C)
MELTING POINT



130°F (65°C)
CRITICAL TEMP



3.2%
ELONGATION
AT 30% BREAK



0
WATER
ABSORPTION

Diameter	Opening Length	Minimun Breaking Strength
inch	inch	lbs
Solid color		
3/16	19	13500
1/4	19	20,000
5/16	31	29,000
3/8	31	43,500
7/16	31	47,000
1/2	31	62,500
9/16	31	75,800
5/8	57	102,500
3/4	57	137,000
7/8	76	185,000
Multi-color		
1	76	220,000
1 1/8	76	294,000
1 1/4	76	330,000
1 1/2	88	442,000

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



ROPERS ROPE



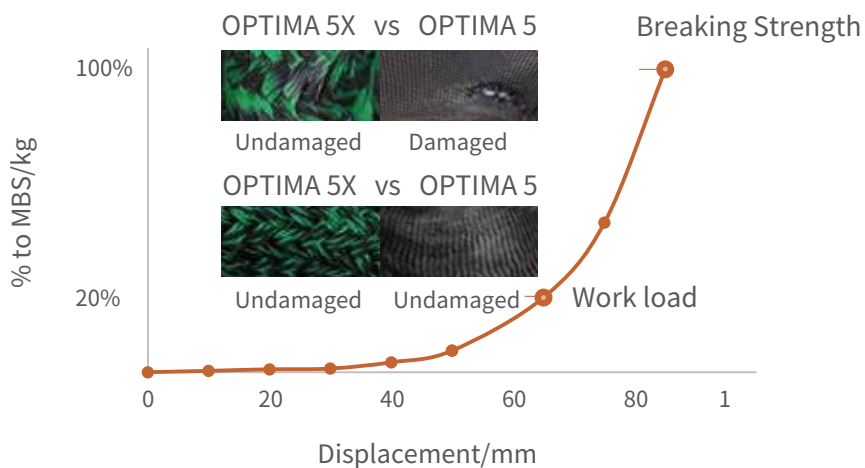
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Durability Testing



OPTIMA 5X Braided Sheath

OPTIMA 5 Webbing Sheath



ROPERS ROPE



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