

OPTIMA 3

General Soft Shackle

Optima 3 soft shackle made of Ultra-High Molecular Weight Polyethylene (UHMWPE), featuring exceptional strength, cut resistance, and high wear resistance. 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 3 soft shackle delivers outstanding performance.

The Optima 3 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.



High strength and light weight



Heavy duty chafe protection and durable



Cut-resistance



Soft and easy to use



Can replace metal shackles



OPTIMA 3X

OPTIMA 3

Opening Length

Technical Information



0.98
SPECIFIC GRAVITY



1 x 12
STRUCTURE



280°F (140°C)
MELTING POINT



130°F (65°C)
CRITICAL TEMP



4.8%
ELONGATION AT 50% BREAK



0
WATER ABSORPTION



Diameter	Opening Length	Minimum Breaking Strength
inch	inch	lbs
1/4	19	14,200
5/16	31	21,800
3/8	31	30,900
7/16	31	37,300
1/2	31	52,000
9/16	31	62,900
5/8	57	85,300
3/4	57	113,000
7/8	76	159,700
1	76	181,200
1 1/16	76	214,500
1 1/8	76	239,600
1 1/4	76	272,300
1 5/16	76	323,100
1 1/2	88	366,600
1 5/8	88	475,500
1 3/4	88	522,700
2	101	584,800
2 1/8	101	707,900

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

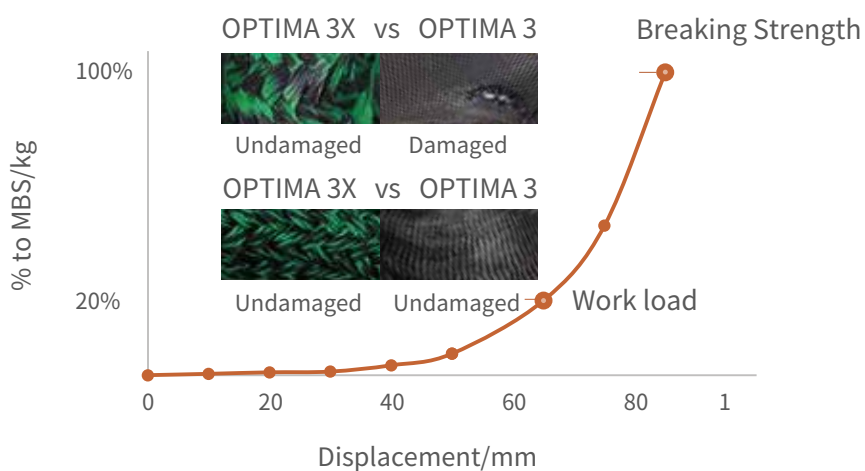




ROPERS
RELIABLE TO THE CORE



Durability Testing



OPTIMA 3X Braided Sheath

OPTIMA 3 Webbing Sheath



ROPERS ROPE



sales@ropers.com.tw



www.ropersrope.com