

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



Durable, heavy duty
chafe protection



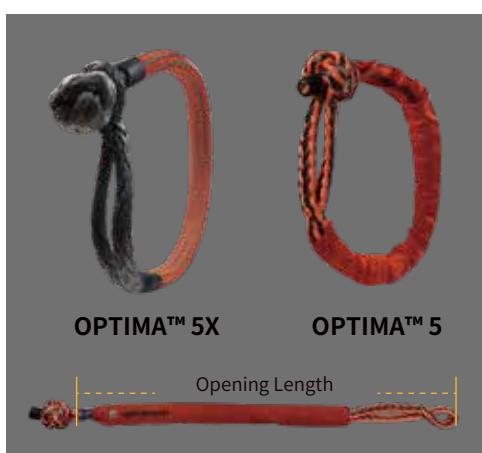
Cut-resistance



Soft and easy to use



Can replace metal
shackles



Technical Information

0.98
SPECIFIC GRAVITY

1×12/12×12
CONSTRUCTION

280°F (140°C)
MELTING POINT

150°F (65°C)
CRITICAL TEMP

3.2%
ELONGATION
AT 30% BREAK

0
WATER
ABSORPTION

Diameter inch	Opening Length inch	Minimum Breaking Strength
		lbs
1×12 Solid color		
1/4	19	15,000
5/16	31	22,900
3/8	31	34,500
7/16	31	42,000
1/2	31	54,600
9/16	31	69,000
5/8	57	89,300
3/4	57	118,800
7/8	76	167,000
12×12 Multi-color		
1	76	188,800
1 1/16	76	221,800
1 1/8	76	246,800
1 1/4	76	281,400
1 5/16	76	330,400
1 1/2	88	374,000
1 5/8	88	486,400
1 3/4	88	533,700
2	101	595,300
2 1/8	101	718,700

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



ROPERs ROPE



sales@ropers.com.tw



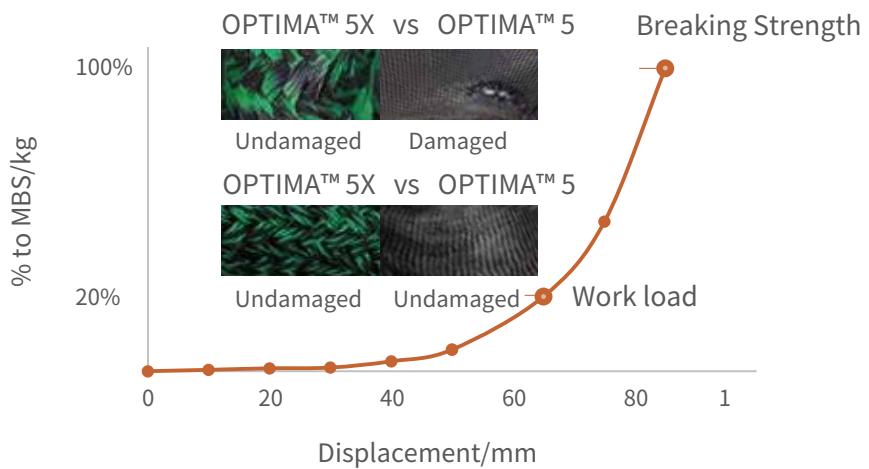
www.ropersrope.com



ROPERs
RELIABLE TO THE CORE



Durability Testing



OPTIMA™ 5X Braided Sheath



WEIGHT



OPTIMA™ 5 Webbing Sheath



- UV RESISTANT
- WEAR RESISTANT



ROPERs ROPE



sales@ropers.com.tw



www.ropersrope.com