

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



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	Opening Length	Minimum Breaking Strength
mm	cm	ton
1×12 Solid color		
6	48	6.9
8	80	10.4
10	80	15.7
11	80	19.1
12	80	24.7
14	80	31.0
16	144	40.6
18	144	53.9
22	192	75.9
12×12 Multi-color		
24	192	85.8
26	192	100.8
28	192	112.2
30	192	127.9
32	192	150.0
36	224	170.0
40	224	219.5
44	224	242.6
48	256	270.6
52	256	326.7

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



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