

LOAD TEST CERTIFICATES



SOFT SHACKLE

MADE IN THE USA, SPLICED BY HAND @ C4RS

Berry & TAA Compliant

Diameter	Strength lbs*	WLL lbs**	Length***	Color
___ 3/32"	___ 1,270	___ 317	___ Standard	___ Orange
___ 7/64"	___ 2,530	___ 632	___ X Long	___ Charcoal
___ 1/4"	___ 12,290	___ 3,072	___ XX Long	___ Gray 3/32" only
___ 5/16"	___ 19,300	___ 4,825	___ Custom	___ Blue 7/8" only
___ 3/8"	___ 26,100	___ 6,525		
___ 1/2"	___ 47,200	___ 11,800		
___ 7/8"	___ 91,000	___ 22,750		

- ✓ Strong, light, silent, adaptive, multiuse, quick & easy to operate.
- ✓ Weighs a fraction of a metal shackle.
- ✓ Can attach to many places a metal shackle cannot.
- ✓ Independently load tested for strength ratings.



Photo by Centurion Defense Solutions

* = Average break strength ** WLL @ 4:1 safety factor *** See website or price list for measurements.

CUSTOM 4WD RECOVERY SYSTEMS (C4RS) DISCLAIMS ANY & ALL LIABILITY & RESPONSIBILITY FOR ANY INJURY, DAMAGE OR LOSS TO PERSON OR PROPERTY THAT MAY OCCUR WHEN USING ANY PRODUCT SOLD BY C4RS. VEHICLE RECOVERY INVOLVES EXTREME LOADS & CAN RESULT IN INJURY & DEATH. SEEK PROFESSIONAL INSTRUCTION IN THE PROPER USE OF ALL GEAR. NOT FOR LIFTING OR LIFE SAVING OPERATIONS. PRODUCTS ARE SOLD FOR OFF ROAD USE ONLY.

Certificate of Testing

Ashley Sling
2401 N. Graham St.
Charlotte, NC. 28206
704-347-0071 Fax 704-347-0073
Proof Test Systems

Customer:

Order No.:

Serial No.: 8

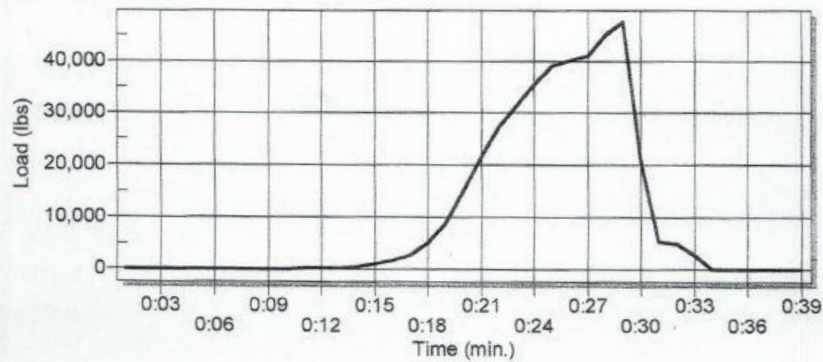
Size: 1/2"

Length:

Description: SOFT SHACKLES

Test Method: BREAK

Peak Load: 47,620 lbs.



Test Results
 Acceptable
 Not Acceptable

Conducted by:

CHENG YANG

10171762.LOG

LIMITED LIFETIME WARRANTY

This product carries a limited lifetime warranty for the original purchaser against C4RS manufacturing defects under normal & proper use & service. Contact your C4RS approved dealer, with your receipt, to start a warranty claim. Any warranty item must be shipped to C4RS for inspection at customer expense. Recovery items are consumables, will wear out & should be regularly inspected & replaced as necessary. Normal wear & tear is not covered & a broken item may not be covered if C4RS manufacturing did not lead to failure.

SOFT SHACKLE USE INFORMATION

Each soft shackle comes with a section of loose fit abrasion guard that can be easily replaced if worn. These are available through C4RS or your local dealer. Use of the abrasion guards helps prevent damage to the soft shackle.

One end of the soft shackle has a slip loop (noose) which **must** be securely tightened around the opposite end knot to create a closed (circular) soft shackle. When the loop is placed over the knot you must then smooth the main body of the soft shackle starting at the knot end and working to the loop end and ensure the loop is securely fastened around the knot. Doing so evenly weights both the inner and outer lines. Not doing so will degrade the strength of the soft shackle. Position knot and slip loop joint in free space away from other recovery gear or your attachment point if possible (see pictures on front page).

When a soft shackle is loaded the Amsteel Blue® material may become stiff, flatten and appear glossy at the point where the soft shackle was in contact with attachment points. This is allowable as long as the soft shackle is not damaged and the small individual 'hair' fibers can be separated. See information below about when to replace a soft shackle.

- ✓ Soft shackles should be used on smooth & round surfaces if possible.
- ✓ Do not place soft shackles around sharp or angular objects.
- ✓ Not for lifting use or use during any life saving operations.
- ✓ The manufacturer of the base material advises not to use the base material for dynamic (snatch) recoveries or applications.
- ✓ Do not exceed the WLL of soft shackles.

Attach soft shackles to points that have a proper diameter. Diameters less than listed below could degrade the soft shackle strength.

Soft Shackle Diameter Minimum Diameter Attachment

3/32 - 7/64"

5/8"

1/4 - 7/8"

1"



WHEN TO REPLACE A SOFT SHACKLE

Discard the soft shackle if it becomes contaminated with a chemical, overly frayed, knotted, the knot comes undone or slips, one of the 12 strands of the base material is cut or anything occurs which could weaken the strength of the soft shackle. Contact C4RS or your local approved dealer with questions. When in doubt discontinue use of this or any vehicle recovery device and contact C4RS or your local dealer.

SOFT SHACKLES IN USE



Above photo by Roger Marquez.