



ANCRA
CARGO[®]
CONSUMER/INDUSTRIAL



50 SINCE 1969
Leader in Load
Securement Innovation
 **ANCRA**
CARGO

CONSUMER/INDUSTRIAL DIVISION

Welcome current and future Ancra Customers!

With the printing of this catalog, Ancra celebrates its 50th year in business and the 10th anniversary of the Consumer/Industrial division. Two major milestones we are very proud of! We'd like to take this moment to extend our sincere appreciation to everyone who has helped make Ancra a success, especially those who have supported our expansion into the retail and commercial markets. We couldn't have done it without you!

As you browse through our catalog, you're sure to find products you recognize and hopefully a couple more that can help expand your business. New this year is our Bulk Bin Tie-Down program and Gin Wheel along with a few updates to our assortments and packaging. We also offer a solid line up of Cable Pullers, Fencing Installation Accessories, Vehicle Recovery Straps and Lifting Slings to complement our extensive Tie-Down selection. Whether it's a technical question, a price comparison, or a full line proposal, our experienced sales team is ready to assist. Just give us a call. We'll make it worth your time.

Thank you for your continued support of Ancra. We look forward to earning your business and another 50 great years!

Sincerely,
The Ancra Consumer/Industrial Team



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CONSUMER/INDUSTRIAL MISSION

Help our customers increase their share of the consumer and commercial cargo control markets and attract new customers through the supply of quality built, reliable and cost-effective products while maintaining the highest regard for meeting industry standards and cargo transportation safety requirements.

ABOUT ANCRA CARGO



Ancra Cargo is a full-line manufacturer of cargo control products and related accessories with an emphasis on commercial and heavy-duty fleet transport applications. The Ancra brand name is highly regarded by professionals throughout North America for quality and reliability. Our in-house engineering and experience help ensure that our products comply with current industry standards and federal transportation safety requirements. Ancra is a wholly owned business of The Heico Companies, LLC. Heico is a multi-billion-dollar, global entity, and through its holdings is the leading supplier of cargo control products in North America serving the Heavy Duty, Military, Aviation, Towing, Auto Transport, Power Sports, DIY Consumer, Commercial and Industrial markets.

FENCING PRODUCTS

CABLE PULLERS

Ankra cable pullers are available in different sizes with pulling capabilities ranging from 1,500 to 8,000 pounds. A variety of pullers are available to make pulls easier and more efficient. In addition to cable pullers, Ankra offers Wire Grips, Fence Pliers, Gin Wheel, and Wire Stretchers for your convenience.



Cable Puller Packaging

Cable Pullers are packaged in sturdy, color coded cardboard boxes with a cutout window to display the product.

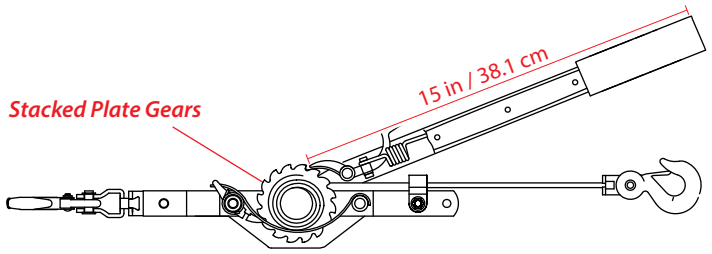
- 1-Ton Pullers
- 2-Ton Pullers
- 4-Ton Pullers



Standard Grade

- Dual stamped metal ratchet wheels
- High strength, electro-plated steel parts
- Galvanized 3/16" aircraft cable
- Drop forged steel slip hooks w/safety latches

Part Number	Description	Capacity (lbs)	Power Ratio	Take-up (ft/m)
96111	1-Ton Single Line	2,000	1:1	7' (2.2m)
96112	2-Ton Double Line	4,000	2:1	5' (1.5m)
96114	4-Ton Double Line	8,000	2:1	5' (1.5m)

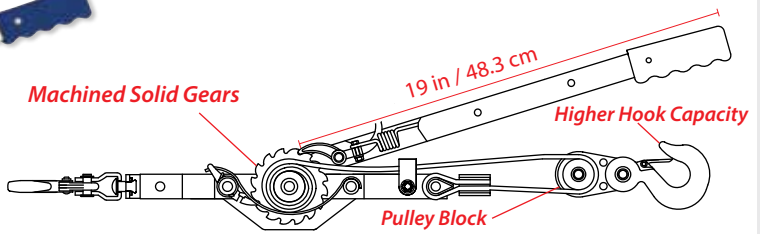
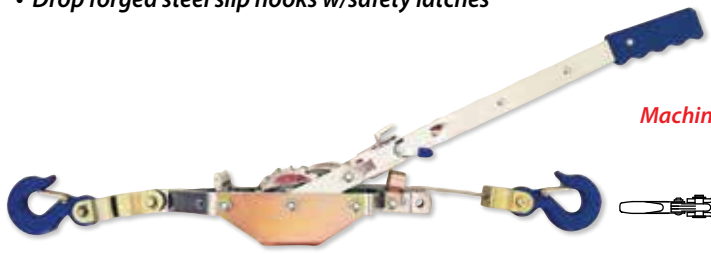


Professional Grade

Longer handle, larger hooks, thicker frame, and higher take-up than Standard Grade models.

- Dual machined one-piece gears
- High strength, electro-plated steel parts
- Galvanized 3/16" aircraft cable
- Drop forged steel slip hooks w/safety latches

Part Number	Description	Capacity (lbs)	Power Ratio	Take-up (ft/m)
96121	1-Ton Pro Single Line	2,000	1:1	12' (3.6m)
96122	2-Ton Pro Double Line	4,000	2:1	6' (1.8m)



INSTALLATION ACCESSORIES

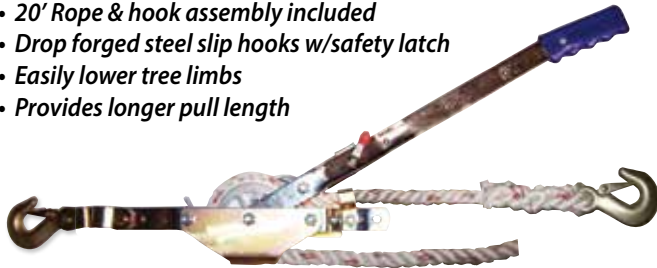
Specialty Pullers



96100 | 3/4 Ton Rope Puller

1,500 lbs Capacity (1,680 kg)
20FT Take-Up (6.0m)

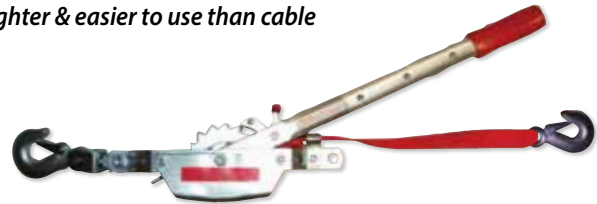
- Single piece drive wheel
- High strength, electro-plated steel parts
- 1/2" Wear resistant twisted rope
- 20' Rope & hook assembly included
- Drop forged steel slip hooks w/safety latch
- Easily lower tree limbs
- Provides longer pull length



96101 | 1 Ton Strap Puller

2,000 lbs Capacity (907 kg)
12FT Take-Up (3.6m)

- Dual stamped metal ratchet wheels
- High strength, electro-plated steel parts
- 1" High strength webbing
- 12' Strap & hook assembly included
- Drop forged steel slip hooks w/safety latches on both ends
- Great for composite materials and decorative vinyl
- Lighter & easier to use than cable



Fencing Installation Accessories



96140 | Fence Pliers

10" Length

- Forged jaws
- Integrated wire cutter
- Padded non-slip contoured grips for comfort and peak performance
- For use in cutting, bending, & tying wire fencing
- Great for barbed wire repairs
- Carded blister pack



96142 | Fence Pliers

12" Length

- Forged jaws
- Integrated wire cutter
- Padded non-slip contoured grips for comfort and peak performance
- For use in cutting, bending, & tying wire fencing
- Great for barbed wire repairs
- Carded blister pack



96147 | 1/2 Ton Wire Grip

1,000 lbs Capacity (454 kg)

- Works on smooth or barbed wire
- Handles wire 5/32" - 5/16" in diameter
- Corrosion resistant
- Lightweight zinc-plated steel
- Double sealed ratchet wheel brake system
- Carded blister pack



96148 | Woven Wire Stretcher

Quick & Even Stretching

- Makes fence repairs quick and easy
- Ideal for fast tightening
- Pull fence evenly and tightly
- For field and chain link fences
- Dependable design
- Bulk packaging



96149 | Fencing Wire Stretcher

With Control Release Ratchet

- Ideal for fast tightening
- Dependable design
- Makes fence repairs quick and easy
- For high-tensile, smooth and barbed wire
- Hardened guide and clamp grip wire firmly over a large area
- Bulk packaging



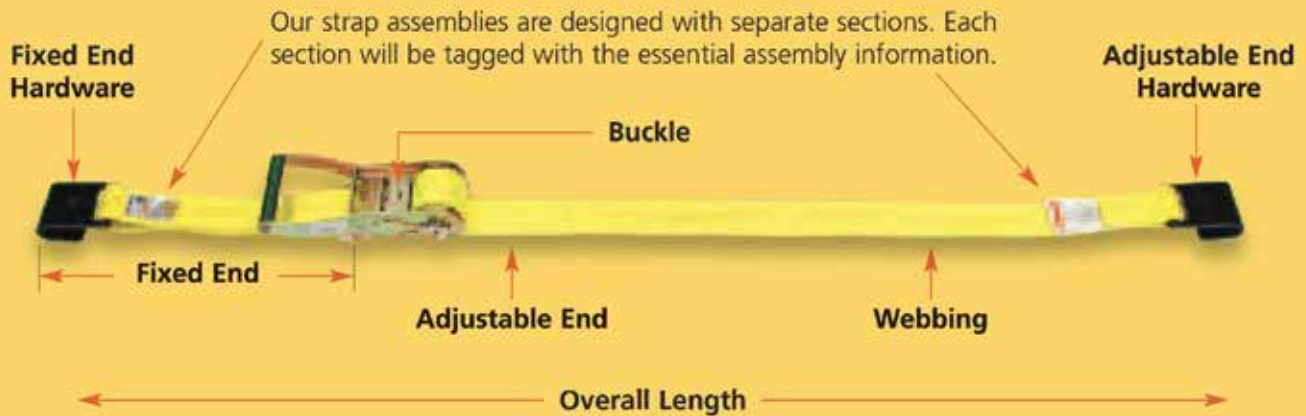
96146 | Gin Wheel

1,250 lbs WLL (567 kg)

- Accepts up to 1" diameter rope
- Heavy duty 12" cast iron sheave
- Forged steel swivel hook w/safety latch
- Blue powder coat finish
- Bulk packaging

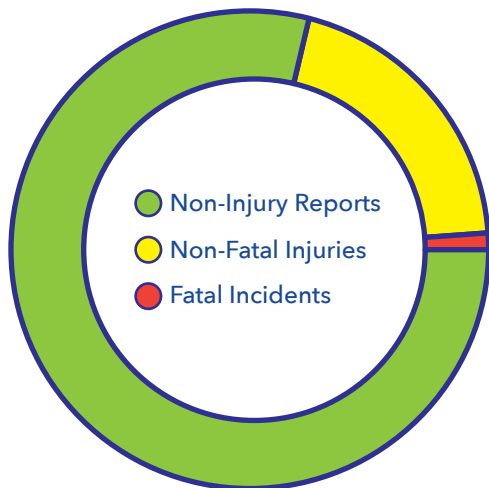


ANATOMY OF A RATCHET STRAP



The distance between extreme end bearing points of the web tie down assembly, including the fittings. Standard fixed end length is 18" (33" for chain anchor straps). This puts the ratchet in the optimum position on the side of the trailer.

THE IMPORTANCE OF SECURING CARGO

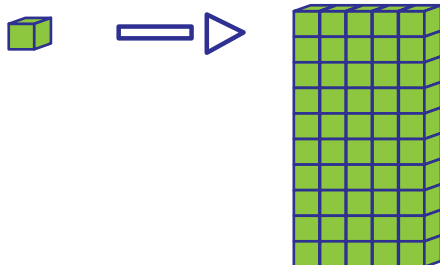


ROAD DEBRIS

ACCIDENT FATALITIES & INJURIES

From 2011 - 2014 there were more than 200,000 police-reported crashes that listed Road Debris as a factor. This resulted in approximately 39,000 involved injuries and 500 deaths.

$$20 \text{ lbs} + 55 \text{ mph} = 1,000 \text{ lbs}$$



UNSECURED LOAD

STATE FINES & PENALTIES

All 50 U.S. States, plus the District of Columbia, have fines ranging from \$10-\$5,000 for loads that are not properly secure. At least 16 states also add possible imprisonment.



FORCE OF IMPACT

STATIONARY VS MOVING

A 20-pound object traveling at 55 mph hits with the force of 1,000 pounds at the time of impact.

TIE- DOWNS

INDUSTRIAL TIE-DOWNS

Industrial Strap Assembly Components

Tried & tested by professional truck drivers for 50 years, Ankra Industrial Grade ratchet straps are built for the most demanding applications. Quality, care and thought go into every strap ensuring our products perform as intended and outlast the competition. From full size long wide handle ratchets for easier grip and maximum leverage, to specialty coated webbings that provide additional UV and water resistance to big beefy end fittings matched to the strap's working load limit, you're certain to find the tie-down that fits your needs.

Tie-Downs

INDUSTRIAL

2" STANDARD WIDE HANDLE

- Dichromate finish
- 3.76" Aluminum grip
- 6.25" Handle
- 3,333 lbs WLL / 1,515 kg



2" LONG WIDE HANDLE

- Dichromate finish
- 3.76" Aluminum grip
- 8.5" Handle
- 3,666 lbs WLL / 1,662 kg



3" LONG WIDE HANDLE

- Dichromate finish
- 4.8" Aluminum grip
- 10.5" Handle
- 7,333 lbs WLL / 3,326 kg



4" LONG WIDE HANDLE

- Dichromate finish
- 5.2" Aluminum grip
- 12.5" Handle
- 8,000 lbs WLL / 3,628 kg



STANDARD HIGH CAPACITY WEBBING (SHC)



- Latex coated polyester with excellent UV protection and abrasion resistance
- Meets DOT and WSTDA requirements

X-TREME™ HIGH CAPACITY WEBBING (X-TREME)



- Polyester webbing with superior weave pattern and permanent proprietary coating that provides twice the abrasion resistance of standard high capacity webbing and greater resistance to damaging water absorption
- Meets DOT and WSTDA requirements



Flat Hook with Aluminum Edge Guard



Wire Double J-Hook



Twisted Snap Hook



Chain Anchor

Heavy Duty Merchandising

556 Series | Standard Wide Handle Ratchets

All 556 series tie-downs are packaged in color-coded 9-piece display bins. Fits nicely on a 14 inch gondola shelf & can be neatly stacked for end-caps or floor displays.

BEST CHOICE FOR CONTRACTOR OR DIY USE



556



556-WHK



556 Display Box

INDUSTRIAL TIE-DOWNS

2^{IN} Strap | Standard Wide Handle 3,333 lbs WLL (1,515 kg)

Part Number	Length (Feet)	Hook Type	Webbing Type
556	27'	Flat	SHC
556-WHK	27'	Wire Double-J	SHC

2^{IN} Strap | Long Wide Handle 3,333 lbs WLL (1,515 kg)



Part Number	Length (Feet)	Hook Type	Webbing Type
557-15	15'	Flat	SHC
557-15WHK	15'	Wire Double-J	SHC
557	27'	Flat	SHC
45982-90-27	27'	Flat	X-TREME
557-WHK	27'	Wire Double-J	SHC
45982-95-27	27'	Wire Double-J	X-TREME
45982-19	27'	Twisted Snap	SHC
45982-15	27'	Chain Anchor	SHC
45982-11	30'	Flat	SHC
45982-90-30	30'	Flat	X-TREME
45982-43	30'	Wire Double-J	SHC
45982-95-30	30'	Wire Double-J	X-TREME
45982-36	30'	Twisted Snap	SHC
45982-34	30'	Chain Anchor	SHC
557-40	40'	Flat	SHC
557-40WHK	40'	Wire Double-J	SHC
557-50	50'	Flat	SHC
557-50WHK	50'	Wire Double-J	SHC
557-60	60'	Flat	SHC
557-60WHK	60'	Wire Double-J	SHC

3^{IN} Strap | Long Wide Handle 5,400 lbs WLL (2,450 kg)



Part Number	Length (Feet)	Hook Type	Webbing Type
48987-20	27'	Flat	SHC
48987-90-27	27'	Flat	X-TREME
48987-28	27'	Wire Double-J	SHC
48987-24	27'	Chain Anchor	SHC
48987-92-27	27'	Chain Anchor	X-TREME
48987-21	30'	Flat	SHC
48987-90-30	30'	Flat	X-TREME
48987-29	30'	Wire Double-J	SHC
48987-25	30'	Chain Anchor	SHC
48987-92-30	30'	Chain Anchor	X-TREME

4^{IN} Strap | Long Wide Handle 5,400 lbs WLL (2,450 kg)



Part Number	Length (Feet)	Hook Type	Webbing Type
49346-10	27'	Flat	SHC
49346-90-27	27'	Flat	X-TREME
49346-12	27'	Wire Double-J	SHC
49346-93-27	27'	Wire Double-J	X-TREME
49346-14	27'	Chain Anchor	SHC
49346-91-27	27'	Chain Anchor	X-TREME
49346-11	30'	Flat	SHC
49346-90-30	30'	Flat	X-TREME
49346-13	30'	Wire Double-J	SHC
49346-93-30	30'	Wire Double-J	X-TREME
49346-15	30'	Chain Anchor	SHC
49346-91-30	30'	Chain Anchor	X-TREME

All Products listed on this page are Bulk Packaged, Retail Quantity of 1, with Tri-Lingual Warning Tags.
Note: Standard webbing color for heavy duty tie-downs is yellow unless noted by color block next to the part number.



CONSUMER TIE-DOWNS

Tie-Downs

CONSUMER

General use tie-downs are designed to provide dependability at a great value. We recommend offering a mix of Series X and SL Series tie-downs to accommodate a wider range of customer applications and preferences.



BEST SELLER

SL91 | 4 Pack 15' x 1" Ratchet

- 15' Length
- 500 lbs Working Load Limit (WLL)
- Fully curved vinyl covered S-hooks
- Padded grip ratchet handles
- Interactive open style package



Packaged Tie-Downs



SL27 | 4 Pack

6' x 1" Cam Buckle
WLL: 300 lbs (135 kg)

- Compact vinyl coated S-hooks



SL66 | 4 Pack

8' x 1" Ratchet - Camo
WLL: 400 lbs (181 kg)

- Padded grip handle
- Compact vinyl coated S-hooks



SL16 | 4 Pack

10' x 1" Ratchet
WLL: 300 lbs (135 kg)

- Compact vinyl coated S-hooks



SL38 | 2 Pack

6' x 1" Cam Buckle
WLL: 400 lbs (181 kg)

- Full size vinyl coated S-hooks



SL30 | 2 Pack

6' x 1" Ratchet
WLL: 400 lbs (181 kg)

- ATV/Cycle strap
- Full size vinyl coated S-hooks



SL01 | 1 Pack

10' x 1" Cam Buckle
WLL: 400 lbs (181 kg)

- Full size vinyl S-hooks



SL05 | 2 Pack

10' x 1" Ratchet
WLL: 300 lbs (135 kg)

- Yellow chromate ratchet
- Full size vinyl coated S-hooks



SL48 | 2 Pack

13' x 1" Lashing
WLL: 200 lbs (91 kg)

- Great for bundling & roof racks
- Loop style - no hooks



SL47 | 1 Pack

13' x 1" Endless Ratchet
WLL: 300 lbs (135 kg)

- Great for roof racks
- Forms a loop - no hooks



SL46 | 1 Pack

13' x 1" Ratchet
WLL: 300 lbs (135 kg)

- Black powder coated ratchet
- Compact vinyl S-hooks



SL18 | 1 Pack

14' x 1" Ratchet
WLL: 400 lbs (181 kg)

- Black powder coated ratchet
- Full size vinyl coated S-hooks



SL32 | 1 Pack

15' x 1.5" Ratchet
WLL: 1,666 lbs (756 kg)

- Wide short handle w/aluminum grip
- Double J-hooks
- Heavy duty webbing



CONSUMER TIE-DOWNS

SL81 | 2 Pack

16^{FT} x 1.25^{IN} Ratchet
WLL: 700 lbs (318 kg)

- Vinyl coated double J-hooks
- 1.25" Heavy duty ratchet
- Molded grip handle



SL100 | 1 Pack

16^{FT} x 1^{IN} Ratchet
WLL: 1,000 lbs (454 kg)

- 1" Heavy duty ratchet
- Double J-hooks
- Floating D-ring



SL101 | 1 Pack

16^{FT} x 1.5^{IN} Ratchet
WLL: 1,666 lbs (756 kg)

- Wide handle w/aluminum grip
- Double J-hooks
- Heavy duty webbing



SL102 | 2 Pack

16^{FT} x 1.5^{IN} Ratchet
WLL: 1,666 lbs (756 kg)

- Wide handle w/aluminum grip
- Double J-hooks
- Heavy duty webbing



XH8088-2P | 2 Pack

Bull Ring - Retractable Stake Pocket Anchor



- Black nylon cover
- Stainless steel ring
- Snaps up/snaps down
- No drill 60 second installation
- Capacity: 1,000 lbs



Fits: Ford F Series (1998-2014)
6.5' & 8' beds with snap out covers on rail caps.

Ford F Series (2015 & Newer)
Fits over top of rail cap only.

Ford F Ranger (2000-2012)

Chevy/GMC (1999-2013)
Excludes 3500

Dodge Ram (1995-2017)

Excludes Laramie & Ram box. 2009-2017 Rail cap modification required.

Bulk Bin Program

Durable polyester web tie-downs individually shrink wrapped and labeled for resale. Packaged in full-color pop-up display bins for convenient merchandising.



Part Number	Length (Feet)	Width (Inches)	Working Load Limit (lbs)	Buckle Type	End Hardware	Webbing Color
95180	13	1	200	Cam Buckle	None (Lashing Strap)	Black
95181	10	1	300	Ratchet	S-Hooks	Red
95182	13	1	300	Ratchet	None (Lashing Strap)	Yellow
95183	6	1	400	Cam Buckle	S-Hooks	Red
95184	6	1	400	Cam Buckle	S-Hooks	Camo
95185	6	1	400	Ratchet	S-Hooks	Red
95186	6	1	400	Ratchet	S-Hooks	Camo
95187	10	1	400	Cam Buckle	S-Hooks	Blue
95188	14	1	400	Ratchet	S-Hooks	Blue
95189	15	1	500	Ratchet	S-Hooks	Orange
95190	15	1	500	Ratchet	S-Hooks	Camo
95191	15	1	600	Ratchet	J-Hooks with D-Rings	Blue
95192	16	1	1,000	Ratchet	J-Hooks with D-Rings	Black
95193	16	1.5	1,600	Ratchet	J-Hooks	Yellow
95194	13	5/8	3,500 (MWW)	Recovery Rope	Slip Hooks	Yellow
95391	27	2	3,333	Retractable Ratchet	J-Hooks	Yellow

CONSUMER / COMMERCIAL TIE-DOWNS

Perhaps the highest quality general application tie-downs on the market, our "X" series straps are packed full of features and conveniences and built to endure the rigorous applications of today's professional contractor, light industrial user and avid motorsports enthusiasts. "X" series products are made with heavy duty abrasion resistant polyester webbing and packaged in environmentally conscious and easy to merchandise display boxes that are completely recyclable.

Tie-Downs

CONSUMER / COMMERCIAL

Cam Buckle Tie-Downs



XC108-2P | Motorsports | 2 Pack

8FT x 1.25IN Cam Buckle
WLL: 400 lbs (181 kg)

- Pre-threaded & ready to use
- Soft-tie option built-in
- Full size vinyl coated hooks with keepers
- Sewn loop end to prevent pull through



XC012-1P | General Purpose | 1 Pack

12FT x 1IN Cam Buckle
WLL: 400 lbs (181 kg)

- Full size vinyl S-hooks
- Sewn loop end to prevent pull through



Ratchet Tie-Downs



XR108-2P | Motorsports | 2 Pack

8FT x 1.25IN Ratchet
WLL: 700 lbs (318 kg)

- Pre-threaded & ready to use
- Soft-tie option built-in
- Spring loaded webbing storage clamp
- Full size vinyl coated hooks with keepers
- Sewn loop end to prevent pull through



XR015-1P | General Purpose | 1 Pack

15FT x 1IN Ratchet
WLL: 500 lbs (227 kg)

- Molded grip ratchet handle
- Full size vinyl coated hooks



XR015-4P | General Purpose | 4 Pack

15FT x 1IN Ratchet
WLL: 500 lbs (227 kg)

- Molded grip ratchet handle
- Full size vinyl coated hooks



XR015-C1P | General Purpose | 1 Pack

15FT x 1IN Ratchet - Camo
WLL: 500 lbs (227 kg)

- Molded grip ratchet handle
- Full size vinyl coated hooks



XR115-C2P | General Purpose | 2 Pack

15FT x 1.25IN Ratchet - Camo
WLL: 700 lbs (318 kg)

- Spring loaded webbing storage clamp
- Full size vinyl coated hooks with keepers
- Extended 19" fixed end to extend ratchet above pick-up rail
- Sewn loop end to prevent pull through



CONSUMER / COMMERCIAL TIE-DOWNS

Retractable Ratchets



95370 | 2 Pack

6FT x 1IN Ratchet
WLL: 500 lbs (227 kg)

- Push button control



95371 | 2 Pack

10FT x 1IN Ratchet
WLL: 500 lbs (227 kg)

- Gear spring design restricts accelerated retraction



95372 | 2 Pack

15FT x 1IN Ratchet
WLL: 500 lbs (227 kg)

- Gear spring design restricts accelerated retraction



95380 | 1 Pack

4FT x 17/8IN Ratchet
WLL: 1,000 lbs (454 kg)

- Bolt-on style
- For utility trailers and ladder racks
- Mounting hardware included



95381 | 1 Pack

4FT x 17/8IN Ratchet
WLL: 550 lbs (249 kg)

- Bolt-on style
- For boat trailers, utility trailers and ladder racks
- Mounting hardware included



95382 | 1 Pack

10FT x 17/8IN Ratchet
WLL: 1,000 lbs (454 kg)

- Bolt-on or use standard style
- For utility trailers and ladder racks
- Includes hardware and fixed end option



95391 | 1 Pack

27FT x 2IN Ratchet
WLL: 3,333 lbs (1,515 kg)

- Gear spring design restricts accelerated retraction
- Packed in bin style carton



Commercial Grade Tie-Downs



APS-3 | Heavy Duty | Contractor Grade

12FT x 1IN Ratchet
WLL: 1,000 lbs (454 kg)

- 3,500 lbs polyester webbing
- Yellow chromate ratchet
- Yellow chromate double J-hooks with floating D-rings on both ends



APS-15192 | Standard Duty

16FT x 1IN Ratchet
WLL: 500 lbs (227 kg)

- 2,000 lbs polyester webbing
- Yellow chromate ratchet
- Full size vinyl coated hooks



10936 Series | Heavy Duty | Contractor Grade

1IN Ratchet
WLL: 1,000 lbs (454 kg)

- 1" Black polyester webbing
- Wide grip yellow chromate ratchet
- Full size vinyl coated S-hooks
- Bulk packed, rolled, plastic banded, and UPC coded
- Packed in shelf merchandiser box
- 15" Fixed end
- 6', 12', 16', and 20' options
- Tri-lingual warning tags



Part Number	Length (Feet)
10936-06	6'
10936-12	12'
10936-16	16'
10936-20	20'

MOTORSPORTS

Cam Buckle

Tie-Downs

MOTORSPORTS

49494-212 | Integra Big Bike Cam | 2 Pack
66^{IN} x 1.5^{IN} Cam Buckle with S-Hooks & Integrated Soft Hook
700 lbs WLL (318 kg)

- Integrated soft hook
- Heavy duty cam buckle with pressure plate
- Full size vinyl coated S-hooks
- Durable 1.5" nylon webbing



47295 Series | Ancra Lites | 2 Pack
66^{IN} x 1^{IN} Cam Buckle with S-Hooks
330 lbs WLL (150 kg)

- 3,800 lbs tensile strength nylon webbing
- 1,500 lbs rated cam buckle
- 2 S-hooks per strap, rated at 1,200 lbs each
- 1 Vinyl coated S-hook, 1 plated S-hook



Part Number	Color
47295-10	Black
47295-11	Red
47295-12	Blue
47295-14	Orange
47295-16	Lime Green

40888 Series | The Original | 2 Pack
66^{IN} x 1^{IN} Cam Buckle with S-Hooks
400 lbs WLL (181 kg)

- 4,500 lbs tensile strength nylon webbing
- 1,800 lbs rated heavy duty cam buckle with pressure plate
- 2 Vinyl coated S-hooks per strap, rated at 1,200 lbs each



Part Number	Color
40888-10	Red
40888-26	Black
40888-34	Blue

49380 Series | Integra | 2 Pack
69^{IN} x 1^{IN} Cam Buckle with S-Hooks & Integrated Soft Hook
400 lbs WLL (181 kg)

- 4,500 lbs tensile strength nylon webbing
- 1,800 lbs rated heavy duty cam buckle with pressure plate
- 2 S-hooks per strap, rated at 1,200 lbs each



Part Number	Color
49380-10	Red
49380-11	Black
49380-12	Blue

Ratchet Straps

49970-102 | Integra Big Bike Gradual Release Ratchet* | 2 Pack
 66" x 1" Ratchet with S-Hooks & Integrated Soft Hook
 800 lbs WLL (363 kg)

- Patented gradual release ratchet
- Wide easy grip ratchet handle
- Durable 1.5" nylon webbing
- Full size vinyl coated S-hooks
- Positive locking latch

*Gradual release ratchet allows the tension to be let out slowly, instead of unloading rapidly



47439 Series | Rat Pak™ | 2 Pack
 66" x 1" Ratchet with S-Hooks
 400 lbs WLL (181 kg)

- 4,500 lbs tensile strength nylon webbing
- 4,400 lbs rated ratchet
- 2 Vinyl coated S-hooks per strap, rated at 1,200 lbs each



Part Number	Color
47439-10	Red
47439-11	Black

49498 Series | Integra Rat Pak™ | 2 Pack
 69" x 1" Ratchet with S-Hooks & Integrated Soft Hook
 400 lbs WLL (181 kg)

- 4,500 lbs tensile strength nylon webbing
- 4,400 lbs rated ratchet
- 2 Vinyl coated S-hooks per strap, rated at 1,200 lbs each



Part Number	Color
49498-10	Red
49498-11	Black
49498-12	Blue

Accessories

49603-10 | Trackstar® Motorcycle Wheelchock

- Fits 3.5" - 5.5" tires
- Quick connect to aircraft style O-track
- Comes complete with mounting kit



49288-10 | Trackstar® Accessory Mounting Kit

- For installation in a second vehicle or garage floor



45214 Series | Soft Hook Extensions | 2 Pack
 400 lbs WLL (181 kg)

- Protect paint & chrome attachment surfaces
- Eliminates metal-to-metal contact
- 3,800 lbs tensile strength nylon webbing



Part Number	Length (Inches)	Color
45214-10	18"	Black
45214-12	18"	Orange
45214-13	18"	Lime Green
45214-25	18"	Red
45214-26	18"	Blue



AUTOMOTIVE TIE-DOWNS

Tire Bonnets

- Premium 2" coated webbing for greater abrasion resistance
- Twisted snap hook on fixed end
- Short handle ratchet with built-in snap hook
- Packaged in window box – 1 assembly per box
- 3,333 LBS WLL (1,515 kg)

Made in USA 

Tire Bonnets can be special ordered with flat hooks in place of Snap Hooks. Contact Customer Service for pricing and availability.

Tie-Downs

AUTOMOTIVE

30TB | Standard Fixed
14" - 15" OEM Tires
No Ratchet



30TB-MS | Standard Fixed
14" - 15" OEM Tires
With Ratchet



30ATB* | Adjustable
13" - 17" OEM Tires
No Ratchet



*30ATB also available in Blue (-BL)

30ATB-MS-BK* | Adjustable
13" - 17" OEM Tires
With Ratchet



*30ATB-MS also available in Yellow (-YL), Blue (-BL), Gray (-GR), Red (-RD) & Orange (-OR).

30RT-BL* | Double Adjustable
13" - 17" OEM Tires
10" - 22" OEM Tires
With Ratchet



*30RT also available in Yellow (-YL), Black (-BK), Red (-RD) & Orange (-OR)

Basket & Dolly Straps

45143-20 | Basket Strap
1,666 lbs WLL (755 kg)

- For tires 7" w x 20" h
- Weight: 2.25 lbs
- Bulk packaged
- No ratchet



47934-11 | Wheel Dolly Strap
900 lbs WLL (410 kg)

- 2" x 86" With round ring
- For tires 8" w x 22" h
- Weight: 1.0 lbs
- Bulk packaged
- No ratchet



47935-11 | Wheel Dolly Strap
800 lbs WLL (360 kg)

- With S-hooks
- For tires 10" w x 24" h
- Weight: 1.5 lbs
- Bulk packaged
- No ratchet



AUTOMOTIVE TIE-DOWNS

Vehicle Tie-Downs



- 2" Coated webbing for greater abrasion resistance
- Twisted snap hooks
- Wide handle ratchet
- 3,333 lbs WLL (1,515 kg)
- Packaged in merchandiser box

Part Number	Description	Length (Feet)	Color
500-C6-RD	Strap Assembly	6'	Red
500-C8-BK	Strap Assembly	8'	Black
500-C8-RD	Strap Assembly	8'	Red
500-C8-BL	Strap Assembly	8'	Blue
500-C10-BK	Strap Assembly	10'	Black

500-C6-RD
500-C8-RD



500-C8-BK
500-C10-BK



500-C8-BL



Series E Transit Strap | RTJ Hooks

Assembled with durable latex treated polyester webbing and short-wide handle ratchet. Fixed end features a heavy duty Series E & A track fitting and the adjustable end features a cluster hook with R, T & J options.




Part Number	Length (Feet)	Working Load Limit (lbs)	Working Load Limit (kgs)
49023-20	6'	1,000	455
49023-21	8'	1,000	455
49023-22	12'	1,000	455

48487-24 | Auto Hauler Winch Strap

2" x 140" Winch Strap With Cleats
3,333 lbs WLL (1,515 kg)




The auto tie-down strap goes over the tire and utilizes three cleated rubber pads that mesh with the tread to keep the strap centered and secured.

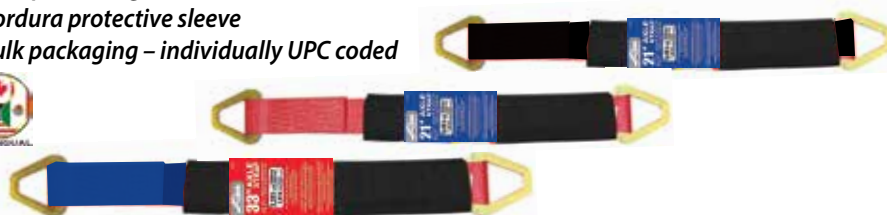
500-RAS-BK | Made in the USA 
8' Tie Back Strap with Integrated Axel Strap
3,300 lbs WLL (1,497 kg)

- Heavy duty twisted snap hooks
- Stamped D-ring
- Adjustable loop size
- Cordura protective sleeve
- Includes wide handle ratchet with 9" fixed end



Axel Straps | Made in the USA 
3,333 lbs WLL (1,515 kg)

- 2" Coated webbing for greater abrasion resistance
- Stamped D-rings
- Cordura protective sleeve
- Bulk packaging – individually UPC coded



Part Number	Length (Feet)	Color
30AS21-BK	21"	Black
30AS21-RD	21"	Red
30AS21-BL	21"	Blue
30AS33-BK	33"	Black
30AS33-RD	33"	Red
30AS33-BL	33"	Blue

EVENT TENT PRODUCTS

Tie-Downs

TENT STRAPS

The last thing you want to worry about is the security of your tent on that special occasion. Ancra tent straps and bungee balls are made with high quality materials that are built to last and provide stability even under extreme pressure. Our white tent straps work on most party tents and keep tents secure even in high wind conditions. Straps come in a variety of lengths and widths with a wide selection of hardware to ensure your tent stays tied down. With a large range of options to choose from, you're certain to find the most reliable, cost effective solution possible.

All Ancra tent straps feature:

- Clear zinc coated hardware
- Premium latex coated white polyester webbing



Ratchet Straps | Wide Handle

1" x 15' Ratchet

WLL: 1,000 lbs (3,000 lbs Break Strength)

- Bulk banded
- Box quantity 8

Part Number	Fixed End	Adjustable End
96011	Double J-Hooks	Double J-Hooks
96012	Double D-Hooks	Double D-Hooks
96013	Snap Hooks	Snap Hooks
96014	Twisted Loop	Double J-Hooks

Ratchet Straps | Wide Handle

2" x 20' Ratchet

WLL: 2,000 lbs (6,000 lbs Break Strength)

- Bulk banded
- Box quantity 6

Part Number	Fixed End	Adjustable End
96021	Double J-Hooks	Double J-Hooks
96022	Double D-Hooks	Double D-Hooks
96023	Snap Hooks	Snap Hooks
96024	Twisted Loop	Double J-Hooks

Ratchet Straps | Long/Wide Handle

2" x 27' Ratchet

WLL: 3,333 lbs (10,000 lbs Break Strength)

- Bulk banded
- Box quantity 6

Part Number	Fixed End	Adjustable End
96031	Double J-Hooks	Double J-Hooks
96032	Twisted Loop	Double J-Hooks

Cam Buckle | Silver Buckle

1.5" x 15' Strap

WLL: 1,000 lbs (3,000 lbs Break Strength)

- Bulk banded
- Box quantity 8

Part Number	Fixed End	Adjustable End
96041	S-Hook w/Clip	S-Hook w/Clip & Soft Loop

Canopy Ties | White Ball

- Polybag/header
- Box quantity 5



Part Number	Size	Number Per Package
96061	6"	20
96062	10"	10

Clear Zinc Hardware



HEAVY DUTY

WINCH STRAPS

Winch Straps

Webbing Types

Standard High Capacity Webbing (SHC)



- Latex coated polyester with excellent UV protection and abrasion resistance
- Meets DOT and WSTDA requirements

X-TREME™ High Capacity Webbing



- Polyester webbing with superior weave pattern and permanent proprietary coating that provides twice the abrasion resistance of standard high capacity webbing and greater resistance to damaging water absorption
- Meets DOT and WSTDA requirements

End Hardware



Chain End



Delta Ring



Flat Hook



Grab Hook



Sewn Loop



Wire Hook

2^{IN} Straps | SHC

3,333 lbs WLL (1,515 kg)

- Bulk packaged
- Retail pack quantity 1
- Tri-lingual warning tags

Part Number	Length (Feet)	Hook Type
41659-10-27	27'	Flat
41659-13-27	27'	Wire Hook
41659-10-30	30'	Flat
41659-13-30	30'	Wire Hook
41659-11-30	30'	Delta Ring



3^{IN} Straps | SHC

5,400 lbs WLL (2,450 kg)

- Bulk packaged
- Retail pack quantity 1
- Tri-lingual warning tags

Part Number	Length (Feet)	Hook Type
41660-10-30	30'	Flat
41660-14-30	30'	Chain Anchor



4^{IN} Straps | SHC

5,400 lbs WLL (2,450 kg)

- Bulk packaged
- Retail pack quantity 1
- Tri-lingual warning tags

Part Number	Length (Feet)	Hook Type
43795-10-27	27'	Flat
43795-10-30	30'	Flat
43795-10-40	40'	Flat
43795-10-50	50'	Flat
43795-10-60	60'	Flat
43795-11-30	30'	Delta Ring
43795-13-30	30'	Sewn Loop
43795-14-30	30'	Grab Hook
43795-15-30	30'	Chain Anchor
214-30KP	30'	Flat w/Keeper



4^{IN} Straps | X-TREME™

5,400 lbs WLL (2,450 kg)

- Bulk packaged
- Retail pack quantity 1
- Tri-lingual warning tags

Part Number	Length (Feet)	Hook Type
43795-90-30	30'	Flat
43795-90-40	40'	Flat
43795-95-30	30'	Chain Anchor



Heavy Duty

WINCH STRAPS

WINCHES & WINCH BARS

Winches

Ancra winches comply with DOT, WSTDA-T3 and Canadian Standard 905 regulations. Available in different base configurations to suit a variety of needs and load requirements.

All winches shown are right hand models. Left hand models may be available on special orders.

- Powder coating withstands 250 hours of standard salt spray testing to ensure years of service
- Stamped working load limit and Ancra name certify quality
- High-strength alloy pawl pins
- Seamless solid steel mandrel
- Smooth ground web slots prevent web wear

Part Number	Winch Type	Surface Treatment	Working Load Limit (Lbs)	Attachment	Mount Placement
43563-10	Standard	Black Lacquer	5,500	Weld-On	Bottom
43564-147	Portable	Black Powder Coat	5,500	Bolt-On	Side Frame
43564-167	Portable	Powder Coat	5,500	Bolt-On	Side Frame
43565-127	Storable	Powder Coat	5,500	Slider	C-Track
43573-10	Storable	Black Lacquer	5,500	Weld-On	Bottom
43579-20	Low Profile	Black Lacquer	5,500	Weld-On	Bottom
47640-31	Lashing	Black Lacquer	3,333	Bolt-on/Weld-on	Side Frame
49207-137	Storable	Black Powder Coat	5,500	Slider	Double L-Track



- 49716-10 | Porta Winch - Outward Offset
- 49716-11 | Porta Winch - Inward Offset
- 5,500 lbs WLL (2,500 kg)
- Installs easily without tools
- Fasten straps securely and legally
- Inserts into standard trailer stake pockets



- 49723-10 | SilverCap OverDrive®
- 5,500 lbs WLL (2,500 kg)

- Converts standard winches to ratcheting winches
- Works with weld-on, sliding, or portable mount winches



Winch Bars

All winch bars are made from heat treated steel for extra strength and designed for use with standard winch caps. Each bar has a knurled handle in two sections for improved grip and a flanged mushroom tip end to keep the bar from slipping within the winch cap.

- 42313-12 | 34" Combination Box End
- Painted silver & yellow finish • Chain binder release end



- 42313-10 | 34" Standard Black | Black powder coat finish



- 42313-17 | 34" Standard Chrome | Chrome finish



- 42313-19 | 34" Combination Chrome
- Chrome finish • Open ended



ErgoBar

Made from heat treated steel for extra strength and designed for use with standard winch caps. The patented ergonomic bend in the bar allows it to be easily rotated without removal from the winch cap maintaining parallel alignment of the handle and providing optimum leverage with less strain on the operator. Each bar also has a knurled handle in the lead section for improved grip and a flanged mushroom tip end to keep the bar from slipping.

- 50015-10 | 34" ERGO 360° Standard



- 50015-20 | 34" ERGO 360° Combination
- Open ended



- 50015-21 | 34" ERGO 360° Combination Box End
- Chain binder release end



TRANSPORT CHAIN

Transport Chain Assemblies

Grade 43 | Chain Assemblies

3/8" Chain

5,400 lbs WLL (2,449 kg)

- High strength carbon steel
- Great for general tie-down use & logging
- Packed in polybag with upc and warning label, 10 per drum
- Chain links marked per NACM standards every 6 inches
- NOTE: Not for overhead lifting



Part Number	Length (Feet)	Package Type
49958-38-20	20'	drum/bag
49958-38-20-SP	20'	plastic tub

Grade 70 | Chain Assemblies

- High strength carbon alloy steel
- Zinc plated gold chromate for corrosion resistance
- Clevis hooks made of heat treated alloy steel
- Designed for over-the-road transportation
- Chain links marked per NACM standards every 6 inches
- Packed in polybag with upc and warning label, 10 per drum
- NOTE: Not for overhead lifting

5/16" Chain

4,700 lbs WLL (2,132 kg)

Part Number	Length (Feet)	Package Type
45881-10-16	16'	drum/bag
45881-10-16-SP	16'	plastic tub
45881-10-20	20'	drum/bag
45881-10-20-SP	20'	plastic tub
45881-10-25	25'	drum/bag
45881-10-25-SP	25'	plastic tub

Color Coded Barrels for Easier Identification!



Also available in single piece stackable and reusable plastic storage tub. (SP)



3/8" Chain

6,600 lbs WLL (2,994 kg)

Part Number	Length (Feet)	Package Type
45881-11-16	16'	drum/bag
45881-11-16-SP	16'	plastic tub
45881-11-20	20'	drum/bag
45881-11-20-SP	20'	plastic tub
45881-11-25	25'	drum/bag
45881-11-25-SP	25'	plastic tub

1/2" Chain

11,300 lbs WLL (5,126 kg)

Part Number	Length (Feet)	Package Type
45881-13-20	20'	drum/bag
45881-13-25	25'	drum/bag

Grade 70 | XHD Chain Assembly

3/8" Chain

6,600 lbs WLL (2,994 kg)

- High strength carbon alloy steel
- Zinc plated gold chromate for corrosion resistance
- Grade 80 clevis hooks made of heat treated alloy steel
- Designed for over-the-road transportation
- Chain links marked per NACM standards every 6 inches
- Stamped aluminum Working Load Limit tag
- Individually UPC coded, packed in heavy duty cardboard box
- NOTE: Not for overhead lifting



19% more material in the neck for added strength

Part Number	Length (Feet)	Package Type
50364-38-10	10'	box
50364-38-20	20'	box

50378-10-10 | Grade 80 J-Hook Chain Assembly

3/8" x 10' FT

7,100 lbs WLL (3,221 kg)

- Lightweight performance alloy chain
- Large 15" J-hook and G80 clevis hook
- Great for securing large equipment
- Stamped aluminum Working Load Limit tag
- Chain links marked per NACM standards every 6 inches
- Individually UPC coded, packed in heavy duty cardboard box
- NOTE: Not for overhead lifting



50529-11-10-BX | Grade 100 Chain Assembly

3/8" x 10' FT

8,800 lbs WLL (4,000 kg)

- Heat treated high carbon alloy steel
- Rugged black lacquer finish
- Complies with NACM standards
- Blue powder coated clevis grab hooks
- Stamped aluminum Working Load Limit tag
- Individually UPC coded, packed in heavy duty cardboard box
- NOTE: Not for overhead lifting



TRANSPORT CHAIN & CHAIN HARDWARE

Grade 70 Bulk Chain (No Hooks)

45880-12
1/4" x 400'FT
3,150 lbs WLL (1,430 kg)



45880-10
5/16" x 400'FT
4,700 lbs WLL (2,133 kg)



45880-11
3/8" x 200'FT
6,600 lbs WLL (2,996 kg)



45880-13
1/2" x 100'FT
11,300 lbs WLL (5,130 kg)



Chain Links marked per NACM Standards every 6 inches. NOTE: Not for overhead lifting.

Hooks

Clevis Hooks | Grade 70

- Forged & heat treated
- Individually polybagged with UPC
- Retail pack quantity 1



Part Number	Size (Inches)	Working Load Limit (lbs)	Working Load Limit (kgs)
45946-12	1/4"	3,150	1,430
45946-10	5/16"	4,700	2,133
45946-11	3/8"	6,600	2,996
45946-13	1/2"	11,300	5,130

Slip Hooks | Grade 70

- Forged steel with zinc plated gold chromate
- Individually polybagged with UPC
- Retail pack quantity 1



Part Number	Size (Inches)	Working Load Limit (lbs)	Working Load Limit (kgs)
50019-10	1/4"	3,150	1,430
50019-11	5/16"	4,700	2,133
50019-12	3/8"	6,600	2,996
50019-13	1/2"	11,300	5,130

Slip Hooks with Safety Latch | Grade 70

- Forged steel with zinc plated gold chromate
- Individually polybagged with UPC
- Retail pack quantity 1



Part Number	Size (Inches)	Working Load Limit (lbs)	Working Load Limit (kgs)
50019-20	1/4"	3,150	1,430
50019-21	5/16"	4,700	2,133
50019-22	3/8"	6,600	2,996
50019-23	1/2"	11,300	5,130

Chain Fittings

Shackles | Galvanized

- Screw pin style
- Individually polybagged with UPC
- Retail pack quantity 1



Part Number	Size (Inches)	Working Load Limit (lbs)	Working Load Limit (kgs)
50013-31	5/16"	1,500	681
50013-38	3/8"	2,000	900
50013-44	7/16"	3,000	1,362
50013-50	1/2"	4,000	1,816
50013-63	5/8"	6,500	2,951
50013-75	3/4"	9,500	4,313
50013-88	7/8"	11,300	5,125

Quick Links | Zinc Plated

- Individually polybagged with UPC
- Retail pack quantity 1



Part Number	Size (Inches)	Working Load Limit (lbs)	Working Load Limit (kgs)
50016-25	1/4"	880	399
50016-31	5/16"	1,760	799
50016-38	3/8"	2,200	998

CHAIN BINDERS

Chain Binders

All traditional chain load binders are constructed of drop forged steel for strength and durability and are designed for use with Grade 70 transport chain. They are available in traditional Lever, Recoilless and Ratcheting models, and are finished in an E-coat paint. They meet or exceed WSTDA T-6 standards.

Mini Chain Tighteners

- Retail pack 1
- Bulk packaged with UPC

Part Number	Finish	Working Load Limit (lbs)
50025-08	Clear Zinc	175
50025-09	E-Coat	250
50025-10	E-Coat	375



50025-09
50025-10



50025-08

Standard Lever | Drop Forged Steel Construction

- Retail pack 1
- Bulk packaged with UPC

Part Number	Size (Inches)	Working Load Limit (lbs)
45943-12	1/4" - 5/16"	2,600
45943-10	5/16" - 3/8"	5,400
45943-10HD	5/16" - 3/8"	6,600
45943-14*	5/16" - 3/8"	5,400
45943-11	3/8" - 1/2"	9,200
45943-13	1/2" - 5/8"	13,000



* Recoilless Lever Chain Binder

Standard Ratchet | Built-in Thread Safety Stops

- 1 piece handle pinned barrel
- Retail pack 1
- Bulk packaged with UPC

Part Number	Size (Inches)	Working Load Limit (lbs)
45943-22	1/4" - 5/16"	2,600
45943-20	5/16" - 3/8"	5,400
45943-20HD	5/16" - 3/8"	6,600
45943-21	3/8" - 1/2"	9,200
45943-23	1/2" - 5/8"	13,000



XHD™ Ratchet | Built-in Thread Safety Stops

- High visibility yellow E-coat
- Drop forged steel
- 2 Piece handle
- Welded barrel
- Retail pack 1
- Bulk packaged with UPC

Part Number	Size (Inches)	Working Load Limit (lbs)
50360-20	5/16" - 3/8"	6,600
50360-21	3/8" - 1/2"	9,200



Chain Binder Accessories

50140-10 | EZ Binder

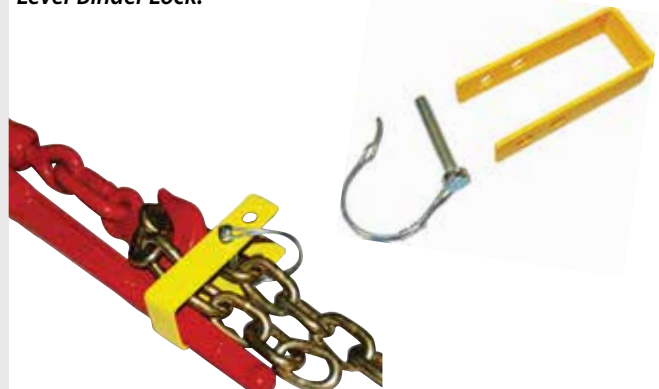
Use with 5/16^{IN} G70 - 3/8^{IN} G43 Chain
5,400 lbs WLL (2,450 kg)

- Quick acting ratchet design is easy to tension and release
- Extra long handle with contour grip
- Heavy gauge steel construction
- Corrosion resistant electro zinc plating
- Free wheel function for quick take up
- Swiveling grab hooks for ease of use
- Will take up 12" of chain during tensioning



50117-10 | Lever Binder Lock

Lock your chain and lever in place after tightening with our Lever Binder Lock.



CARGO BARS & LOGISTIC STRAPS

Adjustable Cargo Bars

SL125 | Light Duty Ratcheting Cargo Bar

40IN - 70IN

- Powder coated & chromate weather resistant finish
- Soft grip padded ratchet handle
- Cushioned spring loaded non-slip pads (2" x 4")
- Easy glide tube design for superior ease of use
- No assembly required
- Prevents cargo from sliding and spilling over
- Fits all standard pickup trucks & SUV's



410-PU-1 | Heavy Duty Cargo Bar for Pickups & SUVs

46IN - 61IN

- 2" x 4" Pads



410-PU-2 | Heavy Duty Cargo Bar for Pickups & Vans

60IN - 72IN

- 2" x 4" Pads



43782-15 | Pro-Heavy Duty Aluminum Standard Cargo STA®

89.75IN - 104.5IN

- 4" x 4" Pads



48407-10 | Pro-Heavy Duty Galvanized Steel Economy Cargo STA®

89.75IN - 104.5IN

- 2" x 4" Pads
- Bolt-on feet



49348-11 | Bar Keep™ Cargo Bar Holder

- Fits 4" x 4" pads or 2" x 2" pads
- Holds 2 bars



CAUTION: Due to variations in the wall construction cargo bars do not have a working load limit.

Logistic Straps



Ankra logistic straps are designed to work with traditional horizontal and vertical E & A-track and assembled with spring actuated series E end fittings. Straps are made with heavy duty 6,000 lbs polyester webbing and color coded by length for easy identification. Fixed end lengths are all 48in.



Spring End Fitting

Cam Buckle | Spring End Fitting

833 lbs WLL (378 kg)

- 48" Fixed end
- Bulk packaged



Part Number	Length (Feet)	Color
40602-17	12'	Yellow
40602-18	16'	Gray
40602-19	20'	Blue

Ratchet Buckle | Spring End Fitting

1,333 lbs WLL (605 kg)

- 48" Fixed end
- Bulk packaged



Part Number	Length (Feet)	Color
48672-13	12'	Yellow
48672-14	16'	Gray
48672-15	20'	Blue

Heavy Duty

CARGO BARS & LOGISTIC STRAPS

HEAVY DUTY ACCESSORIES

Corner Protectors

X-TREME Guard® | Lightweight Corner Protectors | Made in USA

- Constructed of high density polyethylene for strength and durability
- Spreads the strap tension over the length of the guard
- More durable than wood and greater memory than aluminum
- Weather and UV resistant, good to -30°F
- Lightweight & made from recycled materials
- Sold in bundles of 10 - each piece UPC labeled



Part Number	Trade Size (Inches)
50089-12	12"
50089-24	24"
50089-36	36"
50089-48	48"



50092-10 | EZ Winder

- Quickly and easily winds straps onto winches for storage when not in use
- Carded package of 1
- Tri-lingual warning tags



43986-10 | Corner Protector Takes up to 4" Webbing

- High density plastic polymer
- Bulk packaged with UPC
- Retail pack quantity 1
- 50 Per box



Heavy Duty

HEAVY DUTY ACCESSORIES

Did you know that correct product labeling is a federal requirement on all heavy duty tie-downs?

Section 2.8.1 of the Web, Sling, and Tie Down Association's (WSTDA) Standard T-1 requires each web tie-down to be marked or labeled with the applicable Working Load Limit (WLL) as well as a manufacturer identification.

Since a 2-piece strap can be separated from itself, Ancra has adopted the standard of applying working load labels to both the fixed and adjustable ends of all our 2", 3" and 4" heavy duty straps. These labels include the required safe working load information as well as the manufacturer, in this case Ancra.

In the United States, a strap with no visible marking reverts to the weakest version of that type of tie-down. This means that 2" x 27', 3,333 lb strap could be rated by an inspector as low as 1,000 lbs, which could lead to heavy fines and possible impounding or delays in delivery.





BUNGEE CORDS & TARP TIES

Bungee Cords
& Tarp Ties

BUNGEE CORDS

Bungee Cords

95400 Series | Standard

- Vinyl coated steel hooks with tip guards
- Strong UV and abrasion resistance
- Stranded first quality latex rubber
- Bulk packaged with UPC tag
- Color coded by length



Part Number	Length (Inches)	Color
95413	13"	Green
95418	18"	Yellow
95424	24"	Blue
95430	30"	Orange
95436	36"	Red

95400 | Starter Pack - Standard

Contains (10) each of 95413, 95418, 95424, 95430, & 95436



95500 Series | EZ Grip | Bulk

- PVC molded grip steel hooks
- Stranded first quality latex rubber
- Strong UV & abrasion resistance
- Bulk packaged with UPC tag
- Color coded by length



Part Number	Length (Inches)	Color
95518	18"	Yellow
95524	24"	Blue
95536	36"	Red
95540	40"	Green
95548	48"	Orange

95500 | Starter Pack - EZ Grip Bulk

Contains (10) each of 95518, 95524, 95536, 95540, & 95548



95500-1 Series | EZ Grip | Clamshell

- PVC molded grip steel hooks
- Stranded first quality latex rubber
- Strong UV & abrasion resistance
- Clamshell packaging
- Color coded by length



Part Number	Length (Inches)	Color
95518-1	18"	Yellow
95524-1	24"	Blue
95536-1	36"	Red
95540-1	40"	Green
95548-1	48"	Orange

95500-1 | Starter Pack - EZ Grip Clamshell

Contains (6) each of 95518-1, 95524-1, 95536-1, 95540-1, & 95548-1



95600 Series | Heavy Duty

- 50% More rubber than standard cords
- HD steel hooks w/corrosion resistant coating & tip guards
- Stranded first quality latex rubber
- Safety orange polyester outer jacket, all lengths
- Bulk packaged with UPC tag



Part Number	Length (Inches)
95618	18"
95624	24"
95632	32"
95640	40"
95648	48"

95600 | Starter Pack - Heavy Duty Bulk

Contains (10) each of 95618, 95624, 95632, 95640, & 95648



SL148 | Carrabungee™ Cord

- "Build-a-Net" technology
- Link multiple cords together
- 24" Length
- Carabiner hooks
- Polyester jacket



XB210-22P | 10" Mini Cords 22 Piece

Great for bundling and storing tools, cords, blueprints, camping equipment, household items and much more!



SL33 | 10" Mini Cords 4 Piece

Great for bundling and storing tools, cords, blueprints, camping equipment, household items and much more!

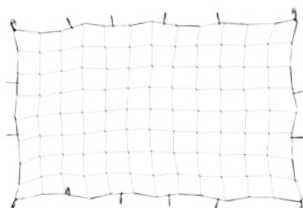


BUNGEE CORDS

Bungee Nets

95480 | Bungee Net with Detachable Hooks

- Great for securing tarps and keeping light cargo and debris from moving around
- Smaller 5" x 5" cross pattern design for greater load coverage
- One size fits most trucks & SUV's
- Minimum size: 48" x 72"
- Maximum stretch: 72" x 108"
- Includes storage bag
- 16 Hooks are detachable



SL50 | 36" 6 Arm Bungee Net

- 6 Attachment points
- Center ring gives infinite shape options
- Great for larger, bulky items



SL56 | 15" x 30" ATV Net

- 10 Hooks
- Fits standard ATV racks
- Stores easily



Tarp & Canopy Ties

SL43 | 10 Piece

- For use with tarps and canopies
- 10 Piece
- Length: 10in



Bungee Cord - Assortments

SL69 | 6 Piece

- Heavy duty cord
- Polybagged
- Safety orange style



Contains:
(2)-24"
(2)-32"
(2)-40"

SL41 | 12 Piece

- Standard cord
- Polybagged
- Multi-colored style



Contains:
(4)-18"
(2)-24"
(1)-30"
(1)-36"
(4)-10" mini

SL64 | 18 Piece

- Standard cord
- Polybagged
- Yellow-jacket style



Contains:
(4)-16"
(4)-18"
(4)-24"
(2)-30"
(4)-10" mini

SL42 | 20 Piece

- Standard cord
- Multi-colored



Contains:
(4)-12"
(2)-18"
(2)-24"
(1)-32"
(6)-canopy
(5)- 10" mini

TARP TIES

Commercial Grade

95800 Series | EPDM Tarp Ties

- Proprietary blend of EPDM with excellent UV properties to resist cracking and extend strap life
- Strong stretch and recovery performance in both hot and cold temperatures
- ½ Inch thick, teardrop ends to help prevent hooks from tearing through strap
- Zinc plated, rust-resistant steel S-hooks
- Color coded, tri-lingual, UPC coded labels applied directly to each strap
- Bulk packaged with UPC
- Retail pack 1

Made in USA 

Part Number	Trade Size (Inches)	Length (Inches) with Hooks
95810	10"	14"
95815	15"	19"
95821	21"	24"
95831	31"	35"
95841	41"	45"



95800 | EPDM Tarp Tie Starter Pack

Contains (10) each of 95810, 95815, 95821, 95831, & 95841


Heavy Duty / Fleet Grade

52200 GL Series | GOLDLINE® EPDM Tarp Ties

- 100% EPDM
- Longer lasting
- Molded EPDM construction for high ozone resistance and strength
- Resiliency of molded natural rubber for good cold weather stretch properties



NOTE: GOLDLINE® Tarp Ties are sold by the box of 50 tarp ties. Individual straps are not UPC coded. Order quantity of 1 = 50 tarp ties conveniently packed in polybags of 10 each.

Made in USA 

Part Number	Trade Size (Inches)	Length (Inches) with Hooks
52210GL	10"	14"
52215GL	15"	19"
52221GL	21"	24"
52231GL	31"	35"
52241GL	41"	45"

SL58 | 10 Piece Assortment



Contains:
(4)-14"
(2)-19"
(2)-24"
(2)-35"

(Hook to Hook Measurement)

49454 | Rubber Rope Reel

- Solid core rubber
- 150' Coils
- Bulk non-packaged

Made in USA 



Part Number	Size (Inches)
49454-11	3/8"
49454-13	7/16"

49211-10 | Rubber Rope Hook

- Steel wire with twisted loop
- Bulk 100 per pack





SLINGS & RECOVERY STRAPS

Slings &
Recovery Straps

LIFTING SLINGS

Polyester Eye to Eye

- Lightweight & economical
- Single-ply & double-ply styles
- WSTDA industry compliant tri-lingual warning tags
- Reinforced loop ends with protective wear sleeve
- Flat eye loops on 1" width
- Tapered eye loops on 2", 3", & 4" widths
- Shrink-wrap package
- Durable service inspection tag helps track usage



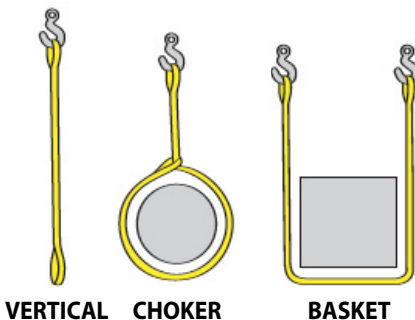
All Ancra lifting slings, both eye-to-eye and round sling styles, are built to the Web Sling & Tie Down Association (WSTDA) standards which cover construction, ratings, and markings.

The standard rating for a sling is based on a straight-line pull, or vertical pull, as the WSTDA defines it. This number begins to skew as the rigging style and angle of pull changes. An instruction sheet is included with each sling and the user is responsible for making these calculations.

When the sling is looped through itself to cinch down on the lifted piece, known as a choker-style lift, the lifting capacity is de-rated roughly 20% compared to the vertical rating. This is due to the stress points caused by the sling pinching on itself.

If the lift is being done basket style, utilizing two lifting points, the effective lifting capacity is doubled compared to the vertical rating. Each point can support its original vertical rated capacity.

Per WSTDA requirements, all Ancra lifting slings have these three types of lifts and ratings on their sewn-in tag.



VERTICAL CHOKER BASKET

EE1 Series | Single Ply Slings

1" Width

Vertical WLL - 1,600 lbs (725 kgs)
Choker WLL - 1,250 lbs (575 kgs)
Basket WLL - 3,200 lbs (1,450 kgs)

Part Number	Length (Feet)
20-EE1-9801X3	3'
20-EE1-9801X4	4'
20-EE1-9801X6	6'
20-EE1-9801X10	10'

2" Width

Vertical WLL - 3,100 lbs (1,400 kgs)
Choker WLL - 2,450 lbs (1,125 kgs)
Basket WLL - 6,200 lbs (2,800 kgs)

Part Number	Length (Feet)
20-EE1-9802X3	3'
20-EE1-9802X4	4'
20-EE1-9802X6	6'
20-EE1-9802X10	10'
20-EE1-9802X12	12'
20-EE1-9802X14	14'

EE2 Series | Double Ply Slings

1" Width

Vertical WLL - 3,100 lbs (1,400 kgs)
Choker WLL - 2,450 lbs (2,250 kgs)
Basket WLL - 6,200 lbs (2,800 kgs)

Part Number	Length (Feet)
20-EE2-9801X4	4'
20-EE2-9801X8	8'

2" Width

Vertical WLL - 6,200 lbs (2,800 kgs)
Choker WLL - 4,950 lbs (2,250 kgs)
Basket WLL - 12,400 lbs (5,600 kgs)

Part Number	Length (Feet)
20-EE2-9802X3	3'
20-EE2-9802X4	4'
20-EE2-9802X6	6'
20-EE2-9802X8	8'
20-EE2-9802X10	10'
20-EE2-9802X12	12'
20-EE2-9802X16	16'
20-EE2-9802X20	20'
20-EE2-9802X30	30'

3" Width

Vertical WLL - 8,800 lbs (3,975 kgs)
Choker WLL - 7,000 lbs (3,175 kgs)
Basket WLL - 17,600 lbs (7,975 kgs)

Part Number	Length (Feet)
20-EE2-9803X10	10'
20-EE2-9803X12	12'
20-EE2-9803X16	16'
20-EE2-9803X20	20'

4" Width

Vertical WLL - 11,000 lbs (4,975 kgs)
Choker WLL - 8,800 lbs (3,975 kgs)
Basket WLL - 22,000 lbs (9,975 kgs)

Part Number	Length (Feet)
20-EE2-9804X6	6'
20-EE2-9804X8	8'
20-EE2-9804X10	10'
20-EE2-9804X12	12'
20-EE2-9804X16	16'
20-EE2-9804X20	20'
20-EE2-9804X30	30'

LIFTING SLINGS

Endless Round

- *Lightweight & durable*
- *Low stretch properties for optimum use in low headroom applications*
- *Continuous looped polyester load yarns inside*
- *Abrasion resistant double wall polyester protective cover*
- *Color coded to industry capacity standards*
- *WSTDA industry compliant tri-lingual warning tags*
- *Shrink-wrap package*
- *Design allows sling to be easily rotated to avoid excess stress on a single bearing point*



1^{IN} Width | Purple

Vertical WLL - 2,600 lbs (1,200 kgs)

Choker WLL - 2,100 lbs (1,000 kgs)

Basket WLL - 5,200 lbs (2,400 kgs)

Part Number	Length (Feet)
20-ENR1X3	3'
20-ENR1X4	4'
20-ENR1X6	6'
20-ENR1X8	8'
20-ENR1X12	12'



2^{IN} Width | Green

Vertical WLL - 5,300 lbs (2,400 kgs)

Choker WLL - 4,200 lbs (1,900 kgs)

Basket WLL - 10,600 lbs (4,800 kgs)

Part Number	Length (Feet)
20-ENR2X3	3'
20-ENR2X4	4'
20-ENR2X8	8'
20-ENR2X12	12'
20-ENR2X20	20'



3^{IN} Width | Yellow

Vertical WLL - 8,400 lbs (3,800 kgs)

Choker WLL - 6,700 lbs (3,000 kgs)

Basket WLL - 16,800 lbs (7,600 kgs)

Part Number	Length (Feet)
20-ENR3X3	3'
20-ENR3X4	4'
20-ENR3X8	8'
20-ENR3X12	12'
20-ENR3X20	20'



4^{IN} Width | Tan

Vertical WLL - 10,600 lbs (4,800 kgs)

Choker WLL - 8,500 lbs (3,800 kgs)

Basket WLL - 21,200 lbs (9,600 kgs)

Part Number	Length (Feet)
20-ENR4X10	10'
20-ENR4X16	16'



5^{IN} Width | Red

Vertical WLL - 13,200 lbs (6,000 kgs)

Choker WLL - 10,600 lbs (4,800 kgs)

Basket WLL - 26,400 lbs (12,000 kgs)

Part Number	Length (Feet)
20-ENR5X4	4'
20-ENR5X6	6'
20-ENR5X12	12'
20-ENR5X20	20'



7^{IN} Width | Blue

Vertical WLL - 21,200 lbs (9,600 kgs)

Choker WLL - 17,000 lbs (7,600 kgs)

Basket WLL - 42,400 lbs (19,200 kgs)

Part Number	Length (Feet)
20-ENR7X6	6'



VEHICLE RECOVERY STRAPS

Polyester Straps

800 Series | Polyester Recovery Straps

15^{FT} - 50^{FT} Length

2^{IN} - 10^{IN} Width

- Abrasion resistant
- UV resistant
- Chemical resistant
- Mildew resistant
- Stores easily using sewn in storage band
- Packed in pre-labeled bins for easy merchandising



Part Number	MVW (lbs)	Length (Feet)	Width (Inches)	Color	Case Pack	End Type
800-215H	6,000	15'	2"	Gray	5	Safety Hook
800-225H	6,000	25'	2"	Gray	5	Safety Hook
800-220	8,000	20'	2"	Gray	6	Twisted/Tapered Loop
800-230	8,000	30'	2"	Gray	6	Twisted/Tapered Loop
800-330	12,000	30'	3"	Gray	4	Twisted/Tapered Loop
800-430	16,000	30'	4"	Gray	3	Twisted/Tapered Loop
800-440	16,000	40'	4"	Blue	2	Twisted/Tapered Loop
800-450	16,000	50'	4"	Red	2	Twisted/Tapered Loop
800-630	24,000	30'	6"	Gray	2	Twisted/Tapered Loop
800-1040	62,500	40'	10"	Blue	1	Twisted/Tapered Loop

MVW (Maximum Vehicle Weight) *The maximum weight of the vehicle being recovered, including cargo load, for which the strap is intended for use.*

Straps & Ropes

SL51 | ATV Tow Rope

13^{FT} x 5/8^{IN}

3,500 lbs MVW (1,587 kg)

- Durable braided polypropylene rope
- Steel safety hooks



95194 | Recovery Rope

13^{FT} Rope w/Safety Hooks

3,500 lbs MVW (1,587 kg)

- 5/8" Rope
- Steel safety hooks
- Diamond braided polypropylene rope
- Bulk bin



SL31 | Tow Strap

15^{FT} x 2^{IN}

5,000 lbs MVW (2,268 kg)

- Polyester webbing
- Steel safety hooks



SL24 | Recovery Strap

20^{FT} x 2^{IN}

9,000 lbs MVW (4,082 kg)

- Polyester webbing
- Twisted sewn loops



900-115H | 3 Point™ Recovery Strap

15^{FT} Recovery Strap

1,000 lbs MVW (454 kg)

- Snap hooks & D-rings
- Great for snowmobiles, ATV's, and other small recreational vehicles
- Soft loop with protective sleeves guard vehicle finish
- Rugged zinc plated hardware





CARGO CONTROL ACCESSORIES

TRUCK & TRAILER HARDWARE

O-Track Hardware



XH8003-12PB | 12/Box
 12^{IN} O-Track Beveled
 1,333 lbs WLL (600 kg)
 • Great for floor mounting



XH8005-12PB | 12/Box
 Single Stud O-Track Fitting
 1,333 lbs WLL (600 kg)
 • Designed for standard
 & beveled logistic track



XH8006-12PB | 12/Box
 Double Stud O-Track Fitting
 2,000 lbs WLL (909 kg)
 • Designed for standard
 & beveled logistic track



TRUCK & TRAILER HARDWARE



EASY MERCHANDISING

All XH series hardware products are packaged in a self-merchandising display box and each piece is individually UPC tagged.

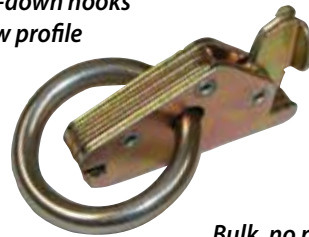
E-Track Hardware



XH8022-12PB | 12/Box
 HD E-Track Fitting with O-Ring
 2,000 lbs WLL (909 kg)
 • Makes E-track useable with standard
 tie-down hooks
 • Low profile



47772-12 | Bulk
 2^{IN} HD E-Track Fitting with O-Ring
 1,833 lbs WLL (833 kg)
 • Makes E-track useable with standard
 tie-down hooks
 • Low profile



Bulk, no package

XH8016-12PB | 12/Box
 12^{IN} E-Track
 2,000 lbs WLL (909 kg)*
 • Bolt or screw to floors, sidewalls or
 wood studs
 • Painted enamel green finish
 • 12 Gauge steel



XH8023-12PB | 12/Box
 Snap-Loc™
 1,333 lbs WLL (600 kg)*
 • Bolt or screw to floors, sidewalls,
 ceilings, or wood studs
 • Single slot design
 • Electric coated black finish



XH8021-10PB | 10/Box
 7^{IN} E-Track Tie-Off Strap with
 Stamped D-Ring
 1,000 lbs WLL (454 kg)
 • 7" Extension
 • Stamped ring
 • Spring loaded E/A fitting



TRUCK & TRAILER HARDWARE

Anchor Points



XH8039-12PB | 12/Box
1" Flip Ring
400 lbs WLL (181 kg)
 • Steel wire ring with bracket
 • Surface mount design



XH8032-12PB | 12/Box
1-1/2" HD Flip Ring
1,666 lbs WLL (750 kg)
 • Steel wire ring with bracket
 • Surface mount design



XH8037-12PB | 12/Box
1" Flip Ring
250 lbs WLL (113 kg)
 • 4" Oval pan surface mount design



XH8036-12PB | 12/Box
1" Flip Ring
400 lbs WLL (181 kg)
 • 3-1/2" x 5" Oval recessed mount design



XH8033-12PB | 12/Box
1-1/2" Flip Ring
1,666 lbs WLL (750 kg)
 • 4-7/16" Square pan recessed mount design



XH8034-8PB | 8/Box
3" Flip Ring
1,666 lbs WLL (750 kg)
 • 6" Round pan recessed
 • 360 degree rotation



XH8031-8PB | 8/Box
5/8" D-Ring
5,000 lbs WLL (2,267 kg)
 • Forged steel ring with bracket
 • Surface mount weld-on design



XH8030-8PB | 8/Box
3/4" D-Ring
6,666 lbs WLL (3,023 kg)
 • Forged steel ring with bracket
 • Surface mount weld-on design



Logistic Track

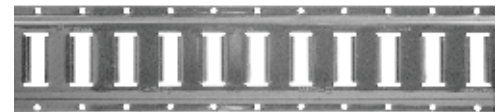


*NOTE: Working load limit will vary depending upon installation of track. Track is designed to work in combination with recommended tie-downs and fittings. Please reference TTMA RP No. 47-99 for installation. Attach track using screws, rivets or by welding. Contact vehicle manufacturer or qualified installer to determine fastener size and mounting method. Welding of galvanized material may emit toxic fumes. Please use caution and proper ventilation.

48117-21-60.00 | Bulk
5FT Horizontal E-Track
 • Bolt or screw to floors, sidewalls or wood studs
 • Galvanized
 • 12 Gauge steel



48117-25-60.00 | Bulk
5FT Horizontal E-Track
 • Bolt or screw to floors, sidewalls or wood studs
 • Gray powder coat finish
 • 12 Gauge steel



40467-33-72.00 | Bulk
6FT HD Logistic Track
 • Aluminum



50193-30-72.00 | Bulk
6FT Beveled HD Logistic Track
 • Aluminum



NETS & BLANKETS

Utility Pad

SL215 | Multi-Use Utility Pad | Camo

60" x 62"

- Heavy duty colorfast poly/cotton blend with continuous quilted stitching for added durability
- One piece UV treated and metal filtered filler
- Machine washable
- Great for moving & storage, garage floors, camping, beach, hunting, vehicle protection, & more



Disclaimer: Do NOT use for bedding

Nets

50199 | Adjustable Pickup Truck Cargo Nets

60" x 62"

1,200 lbs WLL (540 kg)

- Intended for securement of cargo being transported in the cargo bed of a standard pickup truck
- Proper use will insure compliance with FMCSA and Canada's National Safety Code Standard 10 against loss of cargo
- Place net over the cargo and secure at four corners of the net using the quick straps with safety hooks provided
- Secure side rings with 2 additional straps

Part Number	Size (Inches)	Bed Type
50199-10	72" x 80"	Short
50199-11	72" x 96"	Long



50199-10



50199-11

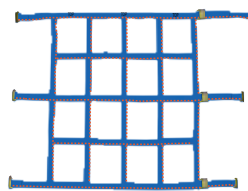
D-rings and connectors are spaced to accommodate various heights of loads. Each net comes with six (6), 1-1/4" x 5' long straps with a die cast cam buckle. Each strap has vinyl coated S-hooks with wire keepers to prevent them from disengaging. Net Openings: 6.0"



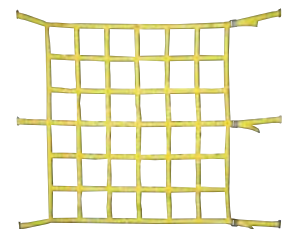
10869 | Adjustable Cargo Nets for A or E-Track

2,500 lbs WLL (1,134 kg)

- Spring lever E-clips
- Quick release cam buckles
- Creates a barrier between loads to help prevent load shift and falling cargo
- Actual working load capacity dependent upon track installation (Please reference TIMA RP No. 47-99 or hire a professional installer)
- Openings on sides of net will vary from interior net openings based on trailer width



10869-10



10869-20

Part Number	Width (Inches)	Height (Inches)	Opening (Inches)	Color
10869-10	60" - 72"	46"	9" x 10"	Blue
10869-20	84" - 96"	72"	9" x 10"	Yellow





SAFETY PRODUCTS

SAFETY PRODUCTS

Wearables

50435-L | Size L
50435-XL | Size XL

Reflective Work Gloves

- Split leather palm and fingers
- Breathable high visibility cloth back
- Retro-reflective stripes



50532-12 | Yellow Green
Reflective Vests

- High visibility fluorescent mesh
- Contrasting retro-reflective stripes on front and back
- One size fits most
- Velcro closure at front & elastic side straps
- Compliant to CAN/CSA Z96-15 Class 2 & ANSA/ISEA 107-2004 Class 2



50532-13 | Orange Red
Reflective Vests

- Fluorescent mesh
- Contrasting retro-reflective stripes on front and back
- One size fits most
- Velcro closure at front & elastic side straps
- Compliant to CAN/CSA Z96-15 Class 2 & ANSA/ISEA 107-2004 Class 2



Toss 'N Tie™

50409-10 | TOSS 'N TIE™
Tie-Down Placement Tool

Don't throw your tie-downs; use TOSS 'N TIE™ to get them over the load!

EASY TO USE

- 1) Unroll cord and attach to a cargo strap or cargo chain
- 2) Toss TOSS 'N TIE™ ball up and over load
- 3) Go to other side, grab cord and pull your tie-down into place



Part Number	Pack Number	Package Type
50409-10-BULK	1	Bulk
50409-10-1PACK	1	Clamshell
50409-10-4PACK	4	Clamshell

Lights & Reflectors

50440-10 | H.E.L.P. Light
3 Puck Light Kit with Bag

- Made with impact resistant plastic
- 15 High output LEDs (12 red, 3 white)
- Rain proof
- Back contains magnet and folding hook
- Three lighting modes:

- Red LEDs on steady (Road Flare)
- Red LEDs double pulse (Emergency Strobe)
- White LEDs on steady (Flashlight)



50437-10PK-SP | LED Flashlight

- 400 Lumens
- Light range 200M
- Blue on-off tactical type tail switch
- Anodized aluminum case
- Adjustable beam size
- 10 Piece shelf pack









50434-10 | Triangle Warning Kit
3 Collapsible Reflective Triangles

- Comes with durable red plastic case
- Certified by AMECA
- In compliance with FMCSA standards
- DOT certified










FLAGS & BANNERS

Flags

<p>49893-10 Fluorescent Red 18" x 18" • Heavy duty mesh • Wooden dowel</p> 	<p>49893-11 Red 18" x 18" • Cotton • Steel wire rod</p> 	<p>49893-12 Fluorescent Red 18" x 18" • Heavy duty mesh • 2 Brass grommets</p> 
<p>49893-13 Fluorescent Orange 18" x 18" • Heavy duty mesh • Wooden dowel</p> 	<p>49893-14 Fluorescent Orange 18" x 18" • Heavy duty mesh • 2 Brass grommets</p> 	<p>50430-10 Magnetic Flag Holder • 2.3" Diameter • Ceramic magnet • Center screw & wing nut for attachment</p> 

Banners

<p>49894-12 2-Sided 14" x 72" • Wide Load/Oversize Load • Yellow vinyl • Grommets & 44" ropes</p> 	<p>49894-10 2-Sided 18" x 84" • Wide Load/Oversize Load • Yellow vinyl • Grommets & 44" ropes</p> 	<p>49894-11 2-Sided 18" x 84" • Wide Load/Oversize Load • Yellow vinyl • Sewn-in ropes</p> 
<p>49894-13 Single Sided 18" x 84" • Oversize Load • Yellow polyester mesh • Grommets & 44" ropes</p> <p>MESH CONSTRUCTION</p> 	<p>49894-14 Single Sided 18" x 84" • Wide Load • Yellow polyester mesh • Grommets & 44" ropes</p> <p>MESH CONSTRUCTION</p> 	<p>49894-15 2-Sided 18" x 84" • Wide Load/Oversize Load • Yellow vinyl • Sewn-in bungee cords</p> 
<p>49895-10 Canada "D" 12" x 96" • Canada 'D' • Vinyl • 10 Grommets</p> 		<p>All Flags and Banners meet FMCSA 393.87 Standards</p>

GLOSSARY

Abrasion	The mechanical wearing of a surface from contact with another object.
Aggregate Working Load Limit	The summation of the Working Load Limit (WLL) of all tie-downs used to secure an article of cargo.
Anchor Point	The location to which a tie-down is attached to a vehicle or article of cargo. If the anchor point is inadequate to support the force of the tie-down system, then the load rating of the tie-down will be limited to the strength of the anchor point.
Breaking Strength	The tensile load in pounds or kilograms at which any part of the securement assembly fails.
Cargo	All articles or material carried by a vehicle, including those used in operation of the vehicle.
Design Factor	The ratio of the breaking strength to the Working Load Limit (WLL).
Direct Tie-Down	A tie-down that is attached directly to the cargo.
Elongation	The measurement of stretch at a specifically applied load, expressed as a percentage of the original length.
Fabrication Efficiency	The synthetic web tie-down assembly break strength, as a percentage of the webbing strength prior to fabrication.
Indirect Tie-Down	A tie-down which passes over the cargo and is secured to the vehicle at both ends. Tension in the tie-down increases the pressure of an article or stack of articles on the deck of the vehicle.
Keeper	A device used on a hook to prevent the hook from inadvertently releasing.
Length	The distance between extreme end bearing points of the synthetic web tie-down assembly, including the fittings.
Lever Load Binder	A chain binder incorporating an overcenter locking action.
Maximum Vehicle Weight (MVW)	The maximum weight of the vehicle being recovered, including cargo load, for which the strap is intended for use.
Planogram	A diagram or model that indicates the placement of retail products on shelves in order to maximize sales.
Proof Load Test	A non-destructive load test to some multiple of the working load limit.
Selvage	The woven or knitted edge of synthetic webbing.
Sew/Stitch Pattern	The pattern of the stitches used to sew the webbing together.
Shoring Bar	A structural bar placed transversely between the walls of a vehicle to prevent cargo from tipping or shifting.
Ultimate Test	A load test of a securement assembly tested to failure.
Warp	A longitudinal load bearing yarn in webbing.
Winch	A device for tensioning a webbing or wire rope tie-down that is fitted with means to lock the initial tension.
Working Load Limit (WLL)	The maximum load a component or assembly should be subjected to during routine use.

PLANOGRAM SUPPORT



We can help. Whether you are just getting started or you need to redesign your entire program, we can assist by providing suggested planograms geared for your business. Simply contact your Ankra sales representative or Customer Service department to get the process started.

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