

PRODUCT SAFETY & INFORMATION SHEET:

1. HOW TO CHOOSE A TIE-DOWN

Northwest Straps recommends using a minimum of (2) Tie-Downs to secure cargo and prevent load shift and (4) Tie-downs for motorcycles and ATVs. **Each Tie-Down should have a Working Load Limit equal to or greater than the weight of your cargo for motorcycles & ATVs.**

WORKING LOAD LIMIT - (The maximum cargo weight a Tie-Down can safely handle and still accommodate unexpected forces caused by speed, road conditions or emergencies). The industry standard Working Load Limit for motorcycles and ATVs is 1/3 the Break-Strength of the Tie-Down assembly. **EXAMPLE: 1.5" RATCHET Tie-Down has a Break strength of 4,400 lbs and a Working Load Limit of 1,466lbs. ALWAYS use Safety latch on S-Hooks if possible.**

WARNING! DANGER! FAILURE TO COMPLY WITH WARNINGS MAY RESULT IN PERSONAL INJURY AND/OR DEATH AND CARGO DAMAGE.

2. Do not exceed Working Load Limit. User to evaluate Working Load requirements.

It is the user's responsibility to educate themselves on the proper usage of Tie-downs when securing loads less than 10,000 lbs. Securing loads above 10,000 lbs. requires certification. Area of attachment on vehicle or trailer must be of enough strength to hold load. **Loads settle, and webbing stretches slightly over time under intense pressure and acts as a shock absorber** (therefore most all strapping has changed from steel to braided webbing in the transporting industry); **check Tie-Downs after a minimum of first 10 miles, and every 50 miles thereafter.** Protect webbing from sharp edges, heat and corrosive materials. Do not use if hardware is damaged or webbing is cut, frayed, burned, melted or abraded. Chock wheeled loads and set brakes. **Use only as a Tie-Down, never for lifting, towing or personal restraint.**

3. MAINTAINING & STORING TIE-DOWNS

Tie-Downs should be protected from mechanical, chemical and environmental damage. Do not store Tie-Downs wet. Lubricate with dry lubricant every 6 MO's or when needed. Wet oil lubricants will dry, gum up and attract dirt over time, and need re-applied more often. A good YouTube video on proper usage is: (How to use A Ratchet Strap the Ez way by Keith Kalfas).

BREAK STRENGTH (B.S.) & WORKING LOAD LIMIT (W.L.L.)

RATCHET STRAPS

2" RATCHET STRAP - 3,300 LB B.S. - 1,100 LB W.L.L.

1.5" RATCHET STRAP - 2,400 LB B.S. - 800 LB W.L.L.

1" RATCHET STRAP - 1,800 LB B.S. - 600 LB W.L.L.

MOTO CAM STRAPS

2" CAM STRAP- 3,300 LB B.S. - 1,100 LB W.L.L.

1.5" CAM STRAP - 2,400 LB B.S. - 800 LB W.L.L.

1" CAM STRAP- 1,800 LB B.S. - 600 LB W.L.L.

RAT/CAM STRAPS

2" RAT/CAM STRAP - 3,300 LB B.S. - 1,100 LB W.L.L.

1.5" RAT/CAM STRAP - 2,400 LB B.S. - 800 LB W.L.L.

1" RAT/CAM STRAP -1,800 LB B.S. - 600 W.L.L.

10K RATCHET STRAPS

2" 10K RATCHET STRAP - 10,000 LB B.S. - 3300 W.L.L.

(ALL 2" 10K ITEMS ARE 10,000 LB B.S. AND 3,300 LB. W.L.L. EXCEPT FOR 2" 10K WHEEL-NET TIE-DOWNS)

MARINE STRAPS:

2" RATCHET STRAP W/BACKING & VELCRO - 3,300 LB B.S. - 1,100 LB W.L.L.

2" TRANSOM STRAP - LONG HANDLE - 1,700 LB B.S. - 566 W.L.L.

1" WATERCRAFT TRI-HOOK STRAP -1,800 LB B.S. - 600 W.L.L.

1" JET-SKI CAM STRAP -1,800 LB B.S. - 600 W.L.L.

ENDLESS CAM STRAPS

2" ENDLESS CAM STRAP - 3,300 LB B.S. - 1,100 LB W.L.L.

1.5" ENDLESS CAM STRAP - 1,500 LB B.S. - 500 LB W.L.L.

1" ENDLESS CAM STRAP- 880 LB B.S. - 293 LB W.L.L.

ENDLESS RATCHET STRAPS:

10K 2" ENDLESS RATCHET STRAP - 10,000 LB B.S. - 3300 W.L.L.

2" ENDLESS RATCHET STRAP - 4,000LB. B.S. - 1330 W.L.L

1.5" ENDLESS RATCHET STRAP - 4,000LB. B.S. - 1330 W.L.L

1" ENDLESS RATCHET STRAP -1,800 LB B.S. - 600 W.L.L.

TOW STRAPS (OFFROAD USE ONLY)

2" 10K DOUBLE HOOK or DOUBLE LOOP STRAP - 10,000 LB B.S. - 3300 W.L.L.

2" DOUBLE S-HOOK or DOUBLE LOOP TOW STRAP - 3,300 LB B.S. - 1,100 LB W.L.L.

1.5" DOUBLE S-HOOK or DOUBLE LOOP TOW STRAP - 2,400 LB B.S. - 800 LB W.L.L.

1" DOUBLE S-HOOK or DOUBLE LOOP TOW STRAP -1,800 LB B.S. - 600 W.L.L.

WHEEL NET TIE-DOWNS

10K 2" WHEEL NET TIE-DOWN STRAP - 6,600 LB. B.S. - 2,200 LB W.L.L.

2" WHEEL NET TIE-DOWN STRAP - 3,300 LB B.S. - 1,100 LB W.L.L.

1.5" WHEEL NET TIE-DOWN STRAP - 2,400 LB B.S. - 800 LB W.L.L.

1" WHEEL NET TIE-DOWN STRAP -1,800 LB B.S. - 600 W.L.L.

AXLE STRAPS:

10K 2" AXLE STRAP - 10,000 LB B.S. - 3300 W.L.L.

SOFT-TIES:

10K 2" SOFT-TIE STRAP - 10,000 LB B.S. - 3300 W.L.L.

2" SOFT-TIE STRAP - 3,300 LB B.S. - 1,100 LB W.L.L.

1.5" SOFT-TIE STRAP - 2,400 LB B.S. - 800 LB W.L.L.

1" SOFT-TIE STRAP -1,800 LB B.S. - 600 W.L.L.